

62  
**Michell's**

**SPRING 1959  
GROWERS CATALOG**



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U. S. Department of Agriculture

*Scarlet  
Lustre*

**F<sub>1</sub> Hybrid Grandiflora Petunia.** Glowing and vivid scarlet blooms with waved and fringed petal edges and a bright yellow throat make this new Grandiflora Hybrid an instant favorite. Unlike earlier attempts in this color of grandiflora petunia, Scarlet Lustre is sturdy of plant and generous of bloom. Plants reach a height of only 1 foot, spreading to 2 feet across and blooming steadily over the entire area.

1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00;  
1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00; 1/4 oz. \$129.00.

**HENRY F. MICHELL CO.**

**3rd and Spruce Streets**

**PHILADELPHIA 5, PA.**





LA PALOMA



MAYTIME



TOREADOR (New)  
BALLERINA

*Michell's*

**F-1 Hybrid**

10 Popular varieties that  
should be in every  
bedding program



CRUSADER







**BLUE LUSTRE**

1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50;  
1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00;  
1/8 oz. \$69.00; 1/4 oz. \$129.00.

## GRANDIFLORA

## PETUNIAS

Prices on all varieties on these two pages  
except Blue Lustre:

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz.  
\$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16  
oz. \$30.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

**TANGO**



**PRIMA DONNA**



**SABRE DANCE (New)**  
**GRANDIFLORA MIX**

**A**







## An Exciting New Bicolor

### SATELLITE

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50;  
1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00;  
1/8 oz. \$35.00; 1/4 oz. \$60.00.



### GLITTERS

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50;  
1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00;  
1/8 oz. \$57.00; 1/4 oz. \$108.00.

*Michell's*

## F-1 Hybrid MULTIFLORA PETUNIAS



RED SATIN



PINK SATIN

### Prices on Red Satin and Pink Satin:

1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50;  
1/32 oz. \$14.50; 1/16 oz. \$26.00; 1/8 oz. \$46.00; 1/4 oz. \$82.00.



# *Michell's* Only the Best Since 1890

## NEW FLOWER SEED VARIETIES for 1959

Change is a basic law of nature and a standard principle of a successful business operation. Changes in product by growing new varieties is of basic importance also to the up-to-date bedding plant grower. New and improved varieties of Petunias, F<sub>1</sub> Hybrids particularly, have done a tremendous job of stimulating the entire bedding plant trade. The end result is a better plant for your customer's garden and this of course means more sales for you in the final analysis.

This year there are a number of fine new Petunias being offered. We have seen them all in test gardens in various sections of the country and have carefully selected only those that are of outstanding merit. In order to be considered as a new addition to our list a variety had to be either a definite new color in its class (Grandiflora or Multiflora) or distinctly superior to an existing variety. The following is our selection of the top new Petunias for 1959—we certainly hope you will try several if not all of these varieties this year.

### PETUNIAS: Grandifloras

#### Alaska

Our choice as THE Petunia for 1959. Its giant white flowers depict the hugeness of our newest state. Plants are dwarf and compact and the ruffled, plain edged flowers are borne in profusion. Excellent for pots or bedding. A great name and a great flower for '59. 1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

#### Scarlet Lustre

An intensely brilliant scarlet-red color that absolutely commands attention. Augmenting this is the bright yellow throat of each bloom. Extremely vigorous and very floriferous over a long blooming period. We rate this the best red Grandiflora. 1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00; 1/4 oz. \$129.00.

#### Sabre Dance

A truly sensational bicolor! Huge, bright, crimson and white flowers mostly with white star pattern. Far and away the most impressive Grandiflora in this color class. The habit is dwarf and compact and the flowers are borne on vigorous plants. 1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

#### Toreador

Bright velvety deep crimson-red. The huge slightly ruffled flowers have a definite regal bearing. Uniform and vigorous plants. This is an excellent and much needed color addition to this class. 1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

#### Sugar Blues

Clear steel-blue with darker center and deeper veining. An interesting novelty for the Grandifloras. Flowers are ruffled with fringed edge and habit is dwarf and compact. 1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

### PETUNIAS: Multifloras

#### Comet

Here is a real winner! Bright, warm crimson-red with a perfect white star. Its excellent uniformity of growth and blooms plus the multitude of flowers that it bears really make this a knockout as a bedding item. Sorry, crop failure this season.

#### Satellite

This is one satellite that can't miss—a bright rose with a perfect white star. Dwarf, compact and very free blooming. A very fine addition to bicolors. 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

#### Midnight

A beautiful clear deep blue that actually seems to glow. Much more uniform and compact than other Multiflora blues being offered. A much needed color addition to small flowered Petunias. 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

### ALYSSUM, Pink Heather

All-America Selection for 1959. Flowers are a soft lavender-pink. Plants are dwarf and compact, about 6 inches tall with a good spread of bloom. Tr. pkt. 75c; 1/8 oz. \$1.25; 1/4 oz. \$2.35; 1 oz. \$7.00.

### VERBENA, Dazzle

Large scarlet-red flowers with a neat, bushy, dwarf habit. A prolific bloomer and a striking addition to Verbenas.

### AGERATUM, Moonbeam

6-inch dwarf, silvery white. Tr. pkt. 40c; 1/4 oz. \$1.25; oz. \$4.00.

### VERBENA, Splendor

A royal purple with a clear white eye. A distinct shade in Verbenas, yet maintains the dwarf habit.

Prices on above two: Tr. pkt. 75c; 1/4 oz. \$2.00; 1 oz. \$6.00.

### BEGONIAS: New F<sub>1</sub> Hybrids

#### Andy

Free blooming luminous pink. Plants are dwarf and compact, excellent for bedding. Tr. pkt. \$2.00.

#### Pandy

Same as the above except the color, which is a brilliant red. Tr. pkt. \$2.00.

### Previous Introductions We Are Now Listing

**PETUNIA, Pink Satin.** Excellent pink Multiflora. See page 5.  
**DIANTHUS, Wee Willie.** Dwarf, early blooming. See page 17.  
**LOBELIA, Rosamond.** A new color in this species. See page 19.



# Michell's Double PETUNIAS

1/128 oz. 2,500 seeds

The Doubles and large flowering types should be started in January. It normally requires 12 to 14 weeks to produce 4-inch pot plants in flower. The other types can be started end of January. The soil should be thoroughly sterilized and should contain a mixture of finely sifted garden loam with the addition of leaf mold and sand. Care must be taken to prevent the flats from getting dry once the seed has started to germinate. The proper temperature for good germination is 55 to 60°.



GIANT VICTORIOUS, White Swan

## All-Double Dwarf Victorious Strain

**Attraction.** Striking rich rose flowers, mottled white. Dwarf and bushy in habit.

**Blue Brocade.** Fringed flowers of true violet-blue. Profuse bloomer on stocky plants.

**Fantasy.** Rich velvety violet-blue and pure white. Very dwarf.

Ⓜ **Gaiety.** Beautiful variegated rose-red and white. Blooms are medium large, full double and fringed on dwarf base branching plants. The most popular Victorious variety. Excellent for pots.

**Loveliness.** A clear La France or salmon-pink. Extra dwarf with uniformity of growth and habit.

**Pure White Snowball.** Well fringed pure white. Heavy double flowers.

Ⓜ **Rosy Carmine (World Beauty).** The best in this type. Plants dwarf. Flowers of a rosy carmine shade, well frilled and fully double.

Ⓜ **Victorious.** Formula mixture. Special mixture made up of named varieties. All colors mixed.

Each of the above, 1/2 tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$6.50; 1/64 oz. \$12.00; 1/32 oz. \$22.00; 1/16 oz. \$40.00.

## Pan-American Strain

Ⓜ **Allegro.** Fully double flowers of deep fringed salmon. Fairly dwarf and the best in its color class.

Ⓜ **Caprice.** Deeply fringed flowers of bright rose. A very attractive color.

**Nocturne.** Deep midnight-purple similar to Elk's Pride. Semi-double, medium large flowers.

Ⓜ **Rhapsody.** It is a deep wine-purple that will not fade. 100% large fringed flowers and borne on dwarf compact plants. A noteworthy addition to this famous line of All-double Petunia.

Ⓜ **Sonata.** Pure glistening, large, double, white flowers. Pinch to induce branching.

Each of the above, 1/2 tr. pkt. \$2.75; tr. pkt. \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Ⓜ **Glorious Mixture.** Contains tall and dwarf types in all of the above colors and many others. See illustration on color page D.

1/2 tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$7.60; 1/64 oz. \$14.45; 1/32 oz. \$28.00; 1/16 oz. \$55.00.

**NOTE.**—It is important not to discard the small seedlings, as these usually produce the best double flowers.

## Giant Victorious All-Doubles

A new development with gigantic 5 inches across full double fringed flower far superior to the previous Victorious. This is dwarf and compact in growth for the size of flower.

Ⓜ **Cheerful.** The most charming clear pink with enormous 5-inch flowers. Fully doubled and fringed. Almost all large flowered in perfect form. One of the best of All Double Petunias.

Ⓜ **Darling.** Over 90 per cent of the seedlings produce enormous 5 inches across fully double well fringed flowers of the most pleasing carmine-rose color. A few of them show white variegation.

**Purple Queen.** The largest and best of the double purple Petunias. Giant 5-inch flowers are of perfect form and substance; all large flowers.

**Salmon Shades.** Extra large flowered, fully double, well fringed flowers. This is a delightful mixture of salmon shades.

**Sunset Giant.** Brilliant deep salmon shaded scarlet fully double well fringed large flowers. We think this is a new color in the All Doubles. Much brighter than Allegro, in similar large size and form. Also one of the best of Giant Victorious Group.

Ⓜ **White Swan.** Probably the largest white in All Double Petunias. It measures fully 4 1/2 inches across in its full double, well fringed form. Nearly all double flowered.

Ⓜ **Formula Mixture.** A carefully blended mixture of the above varieties.

Prices on above varieties, 1/2 tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$6.50; 1/64 oz. \$12.00; 1/32 oz. \$22.00; 1/16 oz. \$40.00.

## Double Mixtures

Ⓜ **CANADIAN GIANTS ALDOUBLE MIXTURE.** Original Strain. Very popular and improved pot plant strain containing a choice blending of pink, rose, and salmon shades.

1/2 tr. pkt. \$2.00; tr. pkt. \$3.50; 1/128 oz. \$6.65; 1/64 oz. \$12.60; 1/32 oz. \$24.00; 1/16 oz. \$45.00.

**ALDOUBLE AMERICA.** Originator's Stock. All-America Silver Medal Winner. Produces rose-pink flowers of medium size—2 inches or more across. Very early flowering.

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/64 oz. \$8.00; 1/32 oz. \$14.50; 1/16 oz. \$28.00.

Ⓜ **MICHELL'S DOUBLE FRINGED, MIXED.** Superbly colored flowers of mammoth size. Splendid strain producing an average of 60 to 70 per cent doubles. 500 seeds \$1.25; 1000 seeds \$2.50.

**NOTE:** Seed of all our Double Petunias has been carefully tested in soil, and germination averages 70 to 80 per cent.



# PETUNIAS

## *F1 Hybrids*

### GRANDIFLORAS

1/64 oz. 5,000 seeds.

#### ® SABRE DANCE

A truly sensational bicolor! Huge bright crimson and white flowers mostly with white star pattern. Far and away the most impressive Grandiflora in this color class. The habit is dwarf and compact and the flowers are borne on vigorous plants. See illustration on color page A.

® **Ballerina.** All-America Winner. This single Petunia is a very dwarf compact type, with beautifully fringed glowing salmon flowers. An excellent variety for bedding or pot plants. See illustration on inside front cover.

® **Crusader.** This ruffled large flower is unique in gay coloring. It is a lovely bicolor striped rose-pink on a white ground, making a striking display in beds or borders. It is free blooming and starts to bloom very early, an excellent item for pot plants. See illustration on inside front cover.

**Fire Dance.** All-America Winner. A rich scarlet-salmon with a yellow throat. The large flowers are 3 to 4 inches across and are beautifully fringed. It is free flowering and uniformly compact, being extremely vigorous while remaining dwarf in habit. Grows to height of 12 to 15 inches with a spread of 20 to 24 inches.

® **La Paloma.** Well fringed flowers, 100% large flowering pure white with yellow throat. Very uniform and vigorous grower. See illustration on inside front cover.

® **Maytime.** All-America Bronze Medal Winner, 1958. A beautiful, soft, clear light salmon-pink. Very uniform and compact in its growing habit, it will attain a height of 12 inches with a spread of 24 to 30 inches. It is exceptionally fine for bedding and for pots as it is extremely free flowering. See illustration on inside front cover.

**Prima Donna.** All-America Winner. A very dwarf, compact type beautifully ruffled and fringed; giant, 3½- to 4-inch, bright rose-pink flowers. Vigorous growing habit. Uniformly dwarf, compact, spreading. Base branching. Height 12 to 15 inches. See illustration on color page A.

® **Tango.** Bright, deep scarlet-salmon—the brightest color in Petunias. Actually deeper in color than Carmencita, also larger flowered and although not quite so dwarf, still dwarf enough for pot plants. See illustration on color page A.

**White Magic.** An early pure white with large ruffled blooms. Free blooming, dwarf habit.

**Grandiflora Mixture.** Our own carefully blended formula of all the better F<sub>1</sub> Hybrid Grandifloras to provide a well balanced mixture. See illustration on color page A.

#### Prices on All Petunias on This Page

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; 1/8 oz. \$57.00; ¼ oz. \$108.00.

See next page for additional Grandifloras.



ALASKA

#### ® Alaska

Our choice as THE Petunia for 1959. Its giant white flowers depict the hugeness of our newest state. Plants are dwarf and compact and the ruffled, plain edged flowers are borne in profusion. Excellent for pots or bedding. A great name and a great flower for '59.

#### ® SUGAR BLUES

Clear steel-blue with darker center and deeper veining. An interesting novelty for the Grandifloras. Flowers are ruffled with fringed edge and habit is dwarf, compact.

#### ® TOREADOR

Bright, velvety, deep crimson-red. The huge slightly ruffled flowers have a definite regal bearing. Uniform and vigorous plants. This is an excellent and much needed color addition to this class. See illustration on inside front cover.



TOREADOR



# PETUNIAS

## F-I Hybrid GRANDIFLORAS

(Continued)



FLIRT

### ® SCARLET LUSTRE

An intensely brilliant scarlet-red color that absolutely commands attention. Augmenting this is the bright yellow throat of each bloom. Extremely vigorous and very floriferous over a long blooming period. Plants stay compact and spread to 24 inches. We rate this the best red Grandiflora. See illustration on front cover.

### ® BLUE LUSTRE

A beautiful deep blue. Newly opened blooms are a deep velvety blue, as they mature or in hot weather they develop a rich red undertone. The very oldest blooms silver to a typical mid-blue. Plants grow only a foot tall, spreading to 24 inches, bearing an incredible number of waved, lustrous flowers during the course of the season. See illustration on color page A.

Prices on above two: 1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00; 1/4 oz. \$129.00.

**Blue Mantle.** Dwarf large flowering rich velvety violet-blue color throughout. Very uniform in its dwarf, compact habit. We think this is the best large flowering violet-blue. An important new addition to the F<sub>1</sub> Hybrids.

**Bonfire.** A most dazzling deep salmon-scarlet with a golden throat. Large flowers, 3 to 3 1/2 inches across are borne in great profusion on this dwarf plant. Early flowering and recommended for its color and its height of 9 inches.

**Fairyland.** A beautiful light salmon-pink with large 3-inch flowers nicely fringed. Of compact growth, its height does not exceed 8 inches.

® **Flirt.** An entirely new color in Hybrid Petunias. A pleasing carmine-rose that must be seen to be appreciated. Large 3-inch flowers on dwarf, compact plants not exceeding 8 inches. A vigorous and robust grower.

® **Minstrel.** White background with a rich blue cross on flowers 3 inches across. Extremely uniform both in habit and marking. This variety is slightly superior to Blue Cross, the variety that it replaced. Truly a standout.

® **Snow Lady.** (New). Giant pure white, beautifully fringed blooms on dwarf and uniform plants make this introduction a standout.

Prices on above six varieties: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; 1/8 oz. \$36.00; 1/4 oz. \$65.00.

## F-I Hybrid MULTIFLORAS

### 3 Brand New Introductions

#### ® COMET

Here is a real winner! Bright, warm crimson-red with a perfect white star. Its excellent uniformity of growth and blooms plus the multitude of flowers that it bears, really make this a knockout as a bedding item. Sorry, crop failure this season.

#### ® SATELLITE

This is one satellite that can't miss—a bright rose with a perfect white star. Dwarf, compact and very free blooming. A very fine addition to bicolors. See illustration on color page B.

#### ® MIDNIGHT

A beautiful clear deep blue that actually seems to glow. Much more uniform and compact than other Multiflora blues being offered. A much needed color addition to small flowered Petunias.



SATELLITE

Prices on above three Multifloras: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.



# PETUNIAS—

## *F1 Hybrid* MULTIFLORAS

1/64 oz. 5,000 seeds

### ® RED SATIN

All-America Bronze Medal Winner in 1957

This is the richest red yet produced in Petunias. The flowers are extremely vivid and the shade is actually much deeper than the color photograph indicates. The color is strong and enduring and heat and sunshine fail to fade its brilliant color. Plants are compact and dwarf and are very floriferous.

### ® PINK SATIN

Multitudes of bright rose-pink flowers with a fascinating satiny texture make this variety a real standout. Its perfectly compact, mound-shape make it second to none as a quality bedding plant. See illustration of above 2 on color page B.

Prices on above two: 1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50; 1/32 oz. \$14.50; 1/16 oz. \$26.00; 1/8 oz. \$46.00; 1/4 oz. \$82.00.



RED SATIN

### ® GLITTERS

All-America Winner for 1957

The first real red and white bicolor introduction. The plants are very dwarf, growing only to a height of 8 inches. The flowers are somewhat small but it is a profuse bloomer all season. Compact habit of growth makes it excellent for borders. See illustration on color page B.

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.



LINDA

## *Other Multifloras*

**Brilliancy.** A deep cerise-rose color quite similar to Apache. Very free flowering and vigorous in growth.

- ® **Linda.** Its color is a clear light salmon with high sheen. Extremely free-flowering with blooms 2 3/4-3 inches across. Very uniform, dwarf, compact habit. Height 15-18 inches with a spread of 24-30 inches. This is an excellent variety and should prove very popular. See illustration on color page D.

**Pink Sensation.** A beautiful light clear pink bedding variety. Flowers in great profusion on strong stems, uniform in habit and very vigorous grower.

- ® **Starflight.** A new F<sub>1</sub> introduction in '58. Deep velvety crimson with a white star. Flower is very similar to the Nana Compacta Elk's Star but more uniform in its star making with a far more vigorous growth.

Prices on above four: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

## *The Redskin Petunias*

Developed as companions to Comanche, they all have the same habit, vigor and flowering characteristics and plant very well together. With Comanche as your "leader" you will be able to offer these as a group. See the illustration on color page C.

**Apache.** A beautiful bright rose-red of semi-dwarf and compact habit. A very vigorous grower and free flowering. Average height 15 to 18 inches.

- ® **Aztec (New.)** This is a very deep scarlet-red identical in shade to Comanche, however, the gold throat gives it a greater brilliance. This is the Multiflora counterpart to Fire Dance. Compact and free flowering.

- ® **Comanche.** All-America Winner. A very deep red. The flowers are 2 1/2 to 3 inches across, very free blooming, and a fast grower. The plants are dwarf and compact. A best for bedding. A brilliant border. Colorful in pots. Judged by experts to be superior to any other variety in its color class. The most brilliant Petunia ever bred. See illustration on color page D.

**Inca. (New.)** The color of American Beauty Rose with a gold throat. This is an improvement on Apache being more dwarf. Very floriferous and compact.

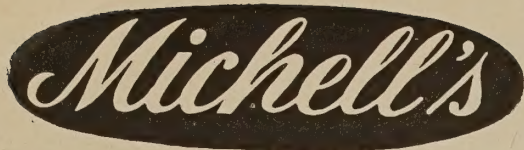
**Mohawk.** A bright rose-pink and very free blooming. Semi-dwarf and compact, it is a vigorous grower. Average height 16 to 20 inches. This variety is far superior to Rose Charm and should be used in place of it.

- ® **Paleface.** The perfect white Petunia for bedding! Far surpasses all other white Petunias in vigor of growth and flowering qualities. A real standout and a "must" on your list. The flowers are pure white with a small creamy eye and borne on dwarf, compact, and very uniform plants. Average height 12 to 16 inches.

- ® **Sioux.** A medium tone salmon shading toward red at the center. Midway between Linda and Comanche in color. Its habit is very uniform—dwarf and compact. Average height 13 to 16 inches.

**Multiflora Mixture.** Our own formula mixture composed only of selected F<sub>1</sub> Hybrid Multifloras to offer a well balanced color range. Prices above varieties: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.





# Grandiflora PETUNIAS

## RUFFLED TYPES

1/64 oz. 2,600 seeds

### *Veined Throats*

The largest among Petunias, heavily ruffled, with wide, shallow throats and rich markings. All have heavy, robust growth and are excellent for florists and garden use.



Michell's Victory Giants

### ® MICHELL'S VICTORY GIANTS

Extra-dwarf super giant Petunia. Large deep-throated fluted flower averaging up to 7 inches across. Plant habit very bushy and free flowering. Color-range of light and dark shades.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.50.

**Dazzler.** (Michell's.) The brightest color in Petunias—orange and rosy scarlet tones, plain and semi-ruffled, golden and white-throated large flowers. Plants dwarf, compact habit, fine for bedding and for pots. Tr. pkt. \$1.00; 1/64 oz. \$1.50; 1/32 oz. \$2.75; 1/16 oz. \$5.00.

**Gay Lady.** (Michell's.) Plants very compact and erect, 8 to 10 inches tall, forming a compact mat of color. Flowers medium sized, well fringed and ruffled, borne in profusion. The color range is pink and white to red and white. 1/2 tr. pkt. 60c;

tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.00.

**Giants of California, Supreme Florists' Strain.** The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. Flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window boxes.

1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

**Pink Frills.** A nicely ruffled type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades. Free flowering and borne on compact well-rounded plants. Excellent for pots, borders and bedding.

Tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

### ® Multibloom Mixed

#### DWARF GIANTS OF CALIFORNIA

One of the remarkable features of this strain is the great number of huge, frilled blooms each plant produces at one time.

Our grower reports "in counting one hundred plants just as they came in one row in our production block, we found from 19 to 31 fully open prime blooms per plant." This is about four times the number of fully open blooms that you will find per plant on the regular strains of Dwarf Giants at any one time.

The color range is complete, containing all colors common to the best strains of large flowered Petunias. The habit is a bit more dwarf than the regular dwarf strains.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.00;  
1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 oz. \$13.50; 1/16 oz. \$25.50.

® **Carnival.** An F<sub>2</sub> mixture of Grandiflora type flowers measuring 3 1/2 inches across. The color range is greater than any standard Grandiflora strain. Plants are dwarf and moderately compact. A "must" for all bedding plant growers. 1/2 tr. pkt. 85c; tr. pkt. \$1.50;

1/32 oz. \$3.85; 1/16 oz. \$7.00; 1/4 oz. \$21.00; oz. \$63.00.

® **Ruffled Monsters.** (Michell's Giant.) Superb mixture. 1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.50; 1/16 oz. \$6.50.

### ® Ramona

#### DWARF CALIFORNIA GIANTS

An outstanding pot plant variety. Huge, 5- to 6-inch flowers are produced on dwarf, 8-inch, sturdy plants. Colors range through light and dark shades and some bicolors.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/64 oz. \$2.75; 1/32 oz. \$5.00;  
1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$34.00.



GIANTS OF CALIFORNIA, Ramona Strain



# Michell's

## Grandiflora PETUNIAS

### FRINGED-EDGE TYPES

1/32 oz. 7,800 seeds

#### Ⓜ Theodosia, Michell's Improved Strain

A superior selection having large, brilliant rose-pink flowers with a bright golden throat. Fine for pots and bedding.

1/2 tr. pkt. 60c; tr. pkt. 90c; 1/64 oz. \$1.80;  
1/32 oz. \$3.30; 1/16 oz. \$6.00; 1/8 oz. \$11.00.



THEODOSIA

Ⓜ **Fringed Snowstorm.** Plants are of compact form. The flowers are glistening white with a slight tinge of yellow in throat, and are deeply fringed. An excellent variety for bedding or pots.

1/2 tr. pkt. 65c; tr. pkt. \$1.00; 1/64 oz. \$2.35;  
1/32 oz. \$3.75; 1/16 oz. \$6.75.

**White Mound.** This plant makes a perfect oval or mound, completely covered with fringed white flowers of medium size. An excellent pot plant or for cemetery planting.

Tr. pkt. 75c; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

Ⓜ **Michell's Giant Fringed Mixed.** Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors.

1/2 tr. pkt. 60c; tr. pkt. 85c; 1/64 oz. \$1.90;  
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

#### Ⓜ Super Fluffy Ruffles

For bedding plant grower who wants something a little extra, we suggest this splendid strain of beautifully ruffled and fringed flowers in a wide range of colors.

1/2 tr. pkt. 60c; tr. pkt. 85c;  
1/64 oz. \$1.90; 1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.



PETUNIA, Fluffy Ruffles



Popcorn

### PLAIN-EDGE TYPES

1/2 oz. 7,000 seeds

Free flowering. 12-16 inch plants. Some varieties spreading, others compact. Plain edged flowers of heavy substance and velvety texture. Prime favorites for the florist.

#### POPCORN, Super Dwarf

Ⓜ Has all the fine qualities of Snowstorm and in addition a really super-dwarf habit. The flowers are pure glistening white, same size as Snowstorm, and are carried on long-growing, upright plants. Ideal for pots and home gardens.

1/2 tr. pkt. 85c; tr. pkt. \$1.50; 1/64 oz. \$2.75; 1/32 oz. \$5.00;  
1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$33.00.

Ⓜ **Dwarf Elk's Pride.** A really dwarf type of this popular Petunia. The plants are of upright habit, free flowering and the color the well-known royal purple.

1/2 tr. pkt. 60c; tr. pkt. 85c; 1/64 oz. \$1.90;  
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

**Purple Prince.** A fine velvety purple, large-flowering variety.

Tr. pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.75; 1/16 oz. \$7.00.

Ⓜ **Snowstorm.** A fine, large-flowering, plain-edged, pure white variety. Very free flowering.

1/2 tr. pkt. 60c; tr. pkt. 85c; 1/64 oz. \$1.90;  
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

**White Cloud.** Dwarf; compact; pure white.

Tr. pkt. 85c; 1/64 oz. \$1.90; 1/32 oz. \$3.40;  
1/16 oz. \$5.75; 1/8 oz. \$10.50.

**White Queen (Ruffled Grandiflora).** Dwarf compact habit, large pure white ruffled flowers. Fine pot-plant variety.

1/2 tr. pkt. 60c; tr. pkt. 85c; 1/64 oz. \$1.90;  
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.



# *Michell's* Standard Hybrid PETUNIAS

260,000 seeds per ounce.

## DWARF HYBRIDA

Dwarf, compact, free-flowering. 12-16 inches. Plants bearing many medium sized, plain edged, single flowers. Fine for beds and borders.

Ⓜ **Admiral Improved.** A superior selected strain. The flowers are a rich violet-blue, slightly waved, 100% true to type and color. Tr. pkt. 80c; 1/64 oz. \$1.65; 1/32 oz. \$2.90; 1/16 oz. \$5.25; 1/8 oz. \$9.50.

Ⓜ **Celestial Rose, Michell's Improved Strain.** This is an extra-selected strain, far superior to the regular sort. The growth is uniform. Free flowering and comes practically 100% true.  
Tr. pkt. 60c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

Ⓜ **Cream Star.** Flowers are shaped like five-pointed stars. Each flower is dainty white marked with a cream-colored star.  
Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$6.00.

**Elk's Star.** A dwarf free-flowering single Petunia of exceptional merit. The flowers are a deep velvety crimson with a white star, very uniform in habit and quite true in color.  
Tr. pkt. 60c; 1/16 oz. \$1.80; 1/8 oz. \$3.30; 1/4 oz. \$6.00.

**English Violet.** A most pleasing shade of violet-blue.  
Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00.



FIRE CHIEF

Ⓜ **Fire Chief.** All-America Gold Medal Winner. A dwarf, compact growing, bedding Petunia. It is a bright scarlet-red, a color lacking in this class until now.  
Tr. pkt. 50c; 1/16 oz. \$1.65; 1/8 oz. \$2.90; 1/4 oz. \$5.00; oz. \$18.00.

Ⓜ **Glow.** An excellent strain with medium-sized single flowers of a very intense glowing carmine-rose, measuring 2 1/4 inches across.  
Tr. pkt. 50c; 1/16 oz. \$1.25; 1/8 oz. \$2.00; 1/4 oz. \$3.75; oz. \$13.50.

**Igloo.** This extra-compact white Petunia produces flowers of medium size, pure white, with a slight yellow throat, and coming 100% true.  
Tr. pkt. 50c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

Ⓜ **King Henry.** A large flower of blood-red color. Free flowering; of dwarf, compact habit.  
Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.

**Twinkles.** Bright rose with star.  
Tr. pkt. 60c; 1/8 oz. \$1.70; 1/4 oz. \$3.00; oz. \$9.00.

**Velvet Ball, Hybrida (Dwarf Flaming Velvet).** The plants are about 8 inches with a spread of only 8 to 10 inches, have a dozen or more flowers in bloom at a time, 2 1/2 inches in diameter, well shaped, and of a deep velvety blood-red.  
Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.



FLORIST FORMULA MIXTURE

## Ⓜ FLORIST FORMULA MIXTURE

Our own blend of choice dwarf types, and containing the best contrasting colors. An excellent florists mixture for pots or flats for spring sales.

Tr. pkt. 60c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.00; oz. \$14.00.

## STANDARD HYBRIDA

Free-flowering 18-24 inch plants. Medium size, plain edged, single flowered. Very popular for garden use

Ⓜ **Bluebird.** Medium-sized flowers, deep blue.  
Tr. pkt. 50c; 1/4 oz. \$1.35; oz. \$4.25

**Silver Blue (Heavenly Blue).** Makes a fine bedding variety when combined with Rosy Morn. Tr. pkt. 50c; 1/4 oz. \$1.75; oz. \$6.00.

**Flaming Velvet.** Brilliant, velvety blood-red.  
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

**Howard's Star, Improved.** Crimson-maroon flowers, each having a distinct 5-pointed white star. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Ⓜ **Rosy Morn Improved.** A decided improvement on this popular variety. Flowers brighter in color and considerably larger.  
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Ⓜ **Snowball, Improved.** Dwarf. Pure white.  
Tr. pkt. 50c; 1/4 oz. \$1.80; oz. \$5.40.

**Violacea.** Deep violet. Erect dwarf type.  
Tr. pkt. 50c; 1/4 oz. \$1.40; oz. \$4.00.

**White Perfection.** All-America Award. The individual flowers measure about 2 inches across.  
Tr. pkt. 50c; 1/4 oz. \$1.40; oz. \$4.00.

**Choice Mixed** ..... Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.



# MICHELL'S FLOWER SEEDS

## FIELD OF MICHELL'S BOUQUET ALYSSUM

Distinctive strains of Flower Seeds for the florist are one of our specialties. No trouble or expense is spared in our endeavor to supply the best and most improved strains from both home and foreign growers. Our list contains the All-America winners and also the most popular florists' varieties.

®

Varieties preceded with this symbol are especially recommended.

## ACROCLINIUM - Everlasting

9,000 seeds per ounce.

Trade pkt. Oz.

**Sensation Giants.** Improved strain of Acroclinium. Produces much larger blooms than any existing strain and grows 6 to 8 inches taller. Mixed colors . . . . . \$0.40 \$1.80



AGERATUM, Midget Blue

## AGERATUM - Floss Flower

210,000 seeds per ounce.

Excellent bedding plants. Sow seed early for good-sized plants for spring sales. Tr. pkt. 1/8 oz. 1/4 oz.

® **Blue Mink.** New Tetra Ageratum. Giant blue flowers on husky, strong plants . . . . . \$0.75 \$1.65 \$3.00  
Tr. pkt. 1/4 oz. Oz.

® **Michell's Blue Boy.** Extra dwarf. Plants compact and very dwarf, about 4 inches high. Rich shade of blue . . . . . \$0.50 \$1.50 \$4.75

® **Midget Blue.** Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers . . . . . .50 1.75 6.00

**Blue Ball.** Very large, blue flowers. Dwarf . . . . . .40 1.30 4.25

**Blue Perfection.** Best dark blue. Fine for cutting. 1 ft. . . . . .25 .50 1.60

**Moonbeam.** 6-inch, dwarf silvery white . . . . . .40 1.25 4.00

## AMARANTHUS

30,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

**Molten Fire.** Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center Poinsettia-red . . . . . \$0.30 \$0.70 \$2.10

**Tricolor splendens.** Joseph's Coat. Various colors. .25 .60 1.80

## ALYSSUM

60,000 seeds per ounce.

® **Pink Heather**

**All-America Bronze Medal Winner for 1959.**

An outstanding new introduction to this class. The plants are dwarf and compact, about 6 inches tall and completely covered with very pretty soft lavender-pink flowers. Excellent for edging in order to emphasize any background. See illustration on back cover.

Tr. pkt. 75c; 1/8 oz. \$1.25; 1/4 oz. \$2.35; oz. \$7.00.

Tr. pkt. 1/4 oz. Oz.

® **Royal Carpet.** All-America Silver Medal Winner. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow and emphasize any background. Height 3 in.; spread 12 in. . . . . 1/4 lb. \$13.00 \$0.40 \$1.30 \$3.90

Trade pkt. Oz. 1/4 lb.

® **Michell's Bouquet (Carpet of Snow).** Our especially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging . . . . . 1/4 oz. 35c. \$0.25 \$1.00 \$3.35

**Lilac Queen.** Dwarf and compact. Flowers lilac. . . . . .25 .90 2.75

**Little Gem.** Very dwarf and compact. . . . . .25 1.00 3.50

**Violet Queen.** Dwarf compact form. Flowers are a pretty, bright violet tint. A variety that will come very true from seed . . . . . 1/4 oz. 60c. .25 1.80 6.00

**Sweet (A. maritimum).** The well-known, fragrant, white, trailing variety. . . . . .25 .75 2.50

## Tetraploid Snowdrift

The Giant Alyssum

Here once again the miracle drug colchicine has produced a new flower. One foot tall, it's rugged, it's vigorous, bearing masses of huge snowy white blooms on uniform plants. Stems closely approach Hyacinth Candytuft and are fine for cutting.

Trade pkt. 30c; 1/4 oz. 90c; oz. \$2.70.

## ARCTOTIS - Lilac African Daisy

25,000 seeds per ounce. Trade pkt. 1/4 oz. Oz.

**Grandis.** Large, Daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florist's cut flower. 3 ft. . . . . \$0.50 \$1.50 \$4.50

## ASPARAGUS Plumosus nanus

American-Grown Seed

100 seeds . . . . .	\$0.30	1000 seeds . . . . .	\$ 2.50
250 seeds . . . . .	.70	5000 seeds . . . . .	10.00
10,000 seeds, \$19.50			

## ASPARAGUS Sprengeri

American-Grown Seed

100 seeds . . . . .	\$0.30	1000 seeds . . . . .	\$ 2.50
250 seeds . . . . .	.70	5000 seeds . . . . .	10.00
10,000 seeds, \$19.50			

## ASTERS

See pages 11-13.



1/32 oz. 30,000 seeds.

A black and white photograph of a small, bushy plant with many small, light-colored flowers, growing out of a cylindrical container. The plant has thick, rounded leaves and the flowers are clustered at the tips of the stems.

## BEGONIA

## New F<sub>1</sub> Hybrid Strains

	Tr. pkt.
⑩ <b>Andy.</b> (New). Free blooming luminous pink. Plants are dwarf and compact, excellent for bedding . . . . .	\$2.00
⑩ <b>Pandy.</b> (New). Same as the above except the color is a brilliant red . . . . .	2.00
<b>Pink Tausendschoen</b> (1000 Wonders). Bright pink flowers freely produced on dwarf, compact plants . . . . .	1.50
<b>Rosy Red</b> (Benary's). Same as above with the exception of the color, which is brilliant rosy red . . . . .	1.50
<b>White Tausendschoen.</b> (New). Same as above except color is pure white . . . . .	2.00
<b>Sleeping Beauty</b> (Benary's). Bright carmine-rose with green foliage. Extremely free flowering. Sun and rain resistant. Dwarf, compact habit. We highly recommend this new sort . . . . .	1.75
⑩ <b>Pink Pearl.</b> One of the best for pot culture. Dwarf, compact, 6 to 8 inches high. Bright pink flowers. Original packets . . . . .	1.50
⑩ <b>Red Pearl.</b> Same as above in habit. Color brilliant dark scarlet. Original packets . . . . .	1.50

**® Rex Hybrids**

## BEGONIAS, Tuberous-Rooted

	$\frac{1}{2}$ trade pkt.	Trade pkt.
<b>Single Choice Mixed</b> .....	\$1.75	\$3.00
<b>Double Choice Mixed</b> .....	1.75	3.00

**® Dwarf Bronze Leaved Varieties**

Each of the above: Tr. pkt. \$1.50; 1/64 oz. \$3.50; 1/32 oz. \$6.50.

### Dwarf Class 6 to 8 inches

	Trade pkt.	1/64 oz.	1/32 oz.
⑩ <b>Adeline.</b> Attractive bright pink flowers and green foliage; very dwarf habit . . . . .	\$1.50	\$3.25	\$6.00
<b>Ball Red.</b> A Begonia of fairly dwarf, perfectly rounded habit covered with medium large flowers of the brightest scarlet-red . . . . .	1.50	3.25	6.00
<b>Dwarf Luminosa.</b> Extra dwarf 5-inch variety with scarlet flowers . . . . .	1.50	3.00	5.50
⑩ <b>Fireball.</b> A bright fire-engine-red with rich green foliage. A dense, compact grower, wonderful for pot culture . . . . .	1.75	4.50	8.00
<b>King of the Reds.</b> Very dwarf. Glowing scarlet . .	1.25	2.50	4.50
⑩ <b>Snowbank.</b> The best large flowering pure glistening white; light green foliage, dense growing even dwarf plants . . . . .	1.25	2.75	5.00
<b>Dwarf Varieties Mixed</b> . . . . .	1.00	2.50	4.50

### Medium Class 9 to 11 inches

<b>Christmas Cheer.</b> Bright crimson-scarlet. Fine for forcing	1.00	2.00	3.75
<b>Fire Sea</b> (Blaze of Fire). Brilliant fiery red flowers; green foliage	1.25	2.50	4.50
⑩ <b>Indian Maid.</b> A fine variety with bright, deep scarlet flowers and dark bronze foliage	1.25	2.75	5.00
<b>Luminosa.</b> Fiery dark scarlet	1.25	3.00	5.50
<b>Prima Donna.</b> Rose, shading to carmine	1.25	2.00	3.50
⑩ <b>Scandinavia, Pink.</b> An outstanding large-flowering pink suitable for pots. Excellent for winter flowering	1.25	2.75	5.00
⑩ <b>Scandinavia, Red.</b> An outstanding large-flowering red suitable for pots. Excellent for winter flowering.	1.25	2.75	5.00
⑩ <b>Scandinavia, White.</b> The same as above except the flowers are pure white	1.25	2.75	5.00
<b>White Pearl.</b> Rich, fine white flowers	1.25	2.50	4.50
<b>Medium Mixture</b>	1.25	2.25	3.75

Varieties preceded with this symbol <sup>(M)</sup> are especially recommended.



# *Michell's* ASTERS

12,000 seeds per ounce



POWDERPUFFS

## POWDERPUFFS

One of the top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Flowers are 3 to 3½ in. across, fully double. Extremely free flowering grown 24 in. high yet takes less than 12 in. of space. All the flowers are on top.

**Azure-Blue.**  
**Crimson.**

**Purple.**  
**Rose.**

**White.**  
**Mixed.**

Prices on above, tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

## Heavenly Blue, Extra Early Type

Extreme earliness and good cutting stems make this a welcome addition to the Aster family. Flowers are 4 to 6 inches across and a pleasing shade of light lavender-blue. Plants are well branched and grow 18 inches tall.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

## BALL TYPE ASTERS

Standard midseason class flowering late August, early September. Long stemmed. Fine for cutting.

Ⓜ **Azure-Blue.** Fully double long-stemmed type. Clear light blue flowers.

Ⓜ **Purple.** Dark purple, large flowered and full double.

Ⓜ **Rich Deep Rose.** Extra large flowers, fully double. Rich deep rose.

Ⓜ **Shell-Pink.** Fully double flowers 3½ to 4 inches, of soft shell-pink on long stems. Quite wilt-resistant and rarely shows any center. Throws few laterals, so needs very little disbudding.

Ⓜ **White.** Exceptional doubleness and fine, stiff stems make this variety outstanding. Large flowered, pure white and quite wilt-resistant.

**Mixed.** Choice mixture of above colors.

Each of the above six: Tr. pkt. \$1.75; ¼ oz. \$3.25; oz. \$9.60.

## IMPROVED KING

A distinct type; plants of strong, sturdy habit, fully 18 inches high; flowers of large size and with long, narrow petals, which are more or less quilled. Blooms from August to October. Excellent for cutting.

**Choice Mixed.** Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.



ROYAL WHITE

## EARLY ROYAL BRANCHING

This type fills the gap between the Queen of the Market and the late flowering Branching Asters, blooming mid-August. Height 2-2½ ft.

Ⓜ **Azure-Blue.**  
**Lavender.**

Ⓜ **Peach Blossom.**  
**Purple.**

**Rose-Pink.**  
Ⓜ **White.**

**Mixed.** All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

## AMERICAN BEAUTY

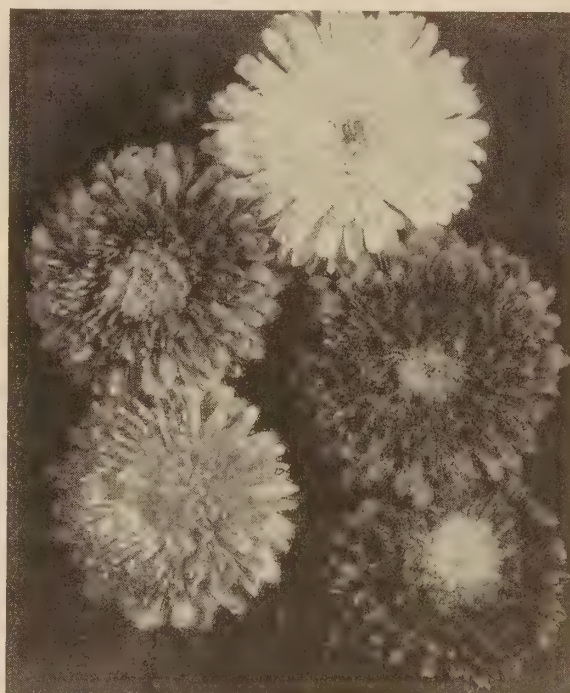
Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

Ⓜ **Azure Fairy.**  
**Carmine-Rose.**

**Crimson.**  
**Purple.**  
**Mixed.**

**Shell-Pink.**  
Ⓜ **White.**

Each of the above, tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.



PRINCESS ASTERS

## PRINCESS CRESTED

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers. 2 feet.

**Linda.** Pure clear rose.  
Ⓜ **Anne.** Peach-blossom-pink.

Ⓜ **Barbara.** Orchid.

**Bonnie.** Soft salmon-rose.

Ⓜ **Elizabeth.** New. Pure white

**Golden Sheaf.** Deepest yellow Aster yet introduced. Fully double.

Ⓜ **Margaret.** New. Florist rose.

Ⓜ **Mixed.** Finest mixed.

Prices on above, tr. pkt. 40c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$10.00.



# ASTERS



AMERICAN BRANCHING

## SEMPLE'S or AMERICAN BRANCHING

The finest late-blooming Aster. Large double flowers on long, strong stems. The attractive form of flowers makes it one of the most valuable varieties for cutting.

- |                      |                       |                           |
|----------------------|-----------------------|---------------------------|
| Ⓜ <b>Azure-Blue.</b> | <b>Lavender.</b>      | Ⓜ <b>Shell-Pink.</b>      |
| Ⓜ <b>Crimson.</b>    | <b>Peerless Pink.</b> | <b>White.</b>             |
| <b>Deep Rose.</b>    | <b>Purple.</b>        | <b>Mixed.</b> All colors. |
- Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

## DWARF QUEEN

This is a free flowering wilt resistant strain growing 10 inches tall. It is a dwarf base branching plant with large double flowers. Excellent for potted plants.

- |                 |                 |                      |
|-----------------|-----------------|----------------------|
| <b>Scarlet.</b> | <b>White.</b>   | <b>Light Blue.</b>   |
| <b>Rose.</b>    | <b>Crimson.</b> | <b>Choice Mixed.</b> |
- Tr. pkt. 40c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

## IMPROVED QUEEN OF THE MARKET

This well-known, early-flowering variety is of branching habit, bearing large flowers on long stems. It commences to bloom in July.

- |                               |                                    |
|-------------------------------|------------------------------------|
| <b>Crimson</b>                | Ⓜ <b>White.</b>                    |
| Ⓜ <b>Dark Blue (Purple).</b>  | <b>Peach Blossom (Blush-Pink).</b> |
| <b>Light Blue (Lavender).</b> | <b>Mixed.</b> All colors.          |
| Ⓜ <b>Rose-Pink.</b>           |                                    |
- Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.



QUEEN OF THE MARKET



IMPROVED CREGO

## IMPROVED CREGO

Flowers gigantic, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give huge Chrysanthemum effect.

- |  |                           |
|--|---------------------------|
| <b>Crimson.</b>                        | Ⓜ <b>Shell-Pink.</b>      |
| Ⓜ <b>Blue Flame.</b> Bright navy blue. | <b>Violet or Purple.</b>  |
| <b>Deep Rose.</b>                      | Ⓜ <b>White.</b>           |
| <b>Lavender.</b>                       | <b>Mixed.</b> All colors. |

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

## VICTORY GIANTS, MIXED

A splendid extra-early Giants of California type Aster. Strong, sturdy plants, branching habit, growing 3 feet tall. The flower averages five inches across. Fine range of light-colored shades, including salmon-pink.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.00.

## SUPER CALIFORNIA GIANT, SANTA MARIA

Immense flowers, fully double, pure white in color. Excellent for cutting.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

## Ⓜ SINGLE CALIFORNIA MARKET RAINBOW

This tall single wilt-resistant Aster is an excellent florist cut-flower variety. Rainbow Mixture is a choice blend of florist colors.

Tr. pkt. 30c; ¼ oz. 45c; oz. \$1.50.

## BALLET TYPE MIXED

New early Queen of the Market class of Asters. Plants are extremely early and bear flowers larger than ordinary Queens, with a distinctive crested center. It is this full center which makes the Ballet type very double. This strain is extremely wilt resistant and is available in a full mixture of colors. The earliest of all Asters and fine for early market cutting. Choice mixture.

Tr. pkt. 50c; ¼ oz. 75c; oz. \$2.50.

## Ⓜ HEART OF FRANCE

Ruby-red. Excellent for cutting. Tr. pkt. 40c; ¼ oz. \$1.25; oz. \$3.75.

## Non Wilt-Resistant Strains IMPROVED CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut flowers.

**Choice Mixed.** Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.25.

## SINGLE GIANT CALIFORNIA SUNSHINE

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

	Tr. pkt.	¼ oz.	Oz.
<b>Choice Mixed</b>	\$0.40	\$1.00	\$3.00





## *Aster Tips*

### The Outdoor Culture of Asters

The term "Aster Resistant" is applied to these varieties that have been bred to resist the virus, **Aster Yellow** which is transmitted by the leaf hopper and the Aster Bug. Although this resistance will vary in different localities the resistant varieties are more satisfactory than the non-resistant strains.

Experience has taught that at the time of planting the ground should be sterilized, if this is not possible the location of the planting should be altered. Seed should be sown six weeks before the planting date, banded and planted out or benched. For high quality flowers a cloth or plastic covering should be used.

### The Indoor Culture of Asters

The greenhouse production of off-season Asters is becoming more popular and profitable every year. As a spring crop it is more of a moneymaker than some of the other popular spring cut flowers. Asters can also be flowered any time of the year using a similar arrangement as that used for Mums. The only exception is the period from May 1st to September 1st during which time the day length is long enough to prevent premature bud initiation.

On a four foot bench 60-Watt lamps spaced six feet apart and between 20 to 25 inches above the plants will give sufficient light for this crop.

### Cultural Practices

#### A. Seed Sowing

Vermiculite is considered one of the best mediums in which to sow the seed. A night temperature of 60 degrees is maintained until the seeds begin to sprout. The seedlings are then moved to 50 degree temperatures and the lights applied from sundown until 10 PM.

#### B. Seedlings

One of the disadvantages of Asters is the fact that they cannot be direct benched due to the high losses of seedlings. It is necessary to band them and then replant in the bench spacing 8 by 8 or 10 by 10. Always use sterilized soil for best results.

#### C. Disbudding

All side growth should be removed to the top four shoots and later these also disbudded. This is to insure high quality flowers.

#### D. Insect Control In the Greenhouses

Armite gives the most satisfactory results. Some insecticides have a tendency to burn the foliage and these should be avoided.

The following year 'round schedule is adaptable where 50 degree night temperatures are maintained.

Sow Seeds	Pot	Bench	Approx. Flowering Date
July 15th	August 10th	September 15th	January
August 15th	September 10th	November 1st	February
September 10th	October 1st	December 1st	March
October 20th	November 15th	January 1st	April
December 20th	January 10th	March 1st	May
February 1st	February 20th	April 1st	June
March 15th	April 1st	May 15th	July
April 20th	May 10th	June 15th	August
May 20th	June 10th	July 15th	September
June 10th	July 1st	August 1st	October
June 20th	July 15th	August 20th	November
July 10th	August 1st	September 1st	December



## BALSAM - Lady-Slipper

3,300 seeds per ounce.

	Trade pkt.	Oz.
Camellia-Flowered, Choice Mixed	\$0.30	\$1.50
Double Bush-Flowered, Choice Mixed	1/4 oz. 75c.	.40 2.25

## BELLS OF IRELAND

(Molucella Laevis)

4,200 seeds per ounce.

ⓂThe only true green flower. This easily grown annual is base branching, producing stems about 2 ft. long surrounded by 2-in. bell-shaped flowers containing a white corolla.

Easily grown on greenhouse benches, in pots or outdoors in the summer. Last well when cut, also can be dried.

Tr. pkt. 40c; 1/4 oz. \$1.00; oz. \$3.00.

## BROWALLIA

111,000 seeds per ounce.

Tr. pt. 1/16 oz. 1/8 oz.

Elata. Blue. 1 1/2 ft.	\$0.40	\$1.10	\$2.00
ⓂSpeciosa (major). Most desirable variety as a pot or basket plant. Rich blue flowers	1.20	3.60	6.60

## CACTUS SEED

Choice Mixture of many varieties.

Tr. pkt. (400 seeds) 65c; 1/4 oz. \$2.00; oz. \$6.00.

## CALLIOPSIS, Annual Varieties

100,000 seeds per ounce.

	Trade pkt.	Oz.
Dwarf Mixed	\$0.25	\$1.00
Tall Mixed	.25	1.00

## CANARY-BIRD VINE - Tropaeolum

Trade pkt. Oz.

Canariense. Flowers bright canary-yellow. A fine climber for shade	\$0.25	\$1.00
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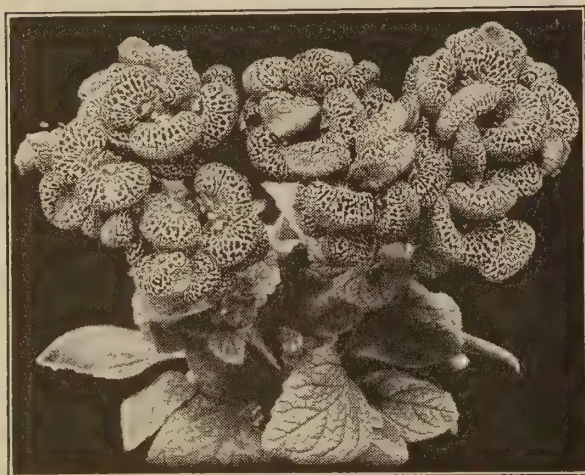
## CALCEOLARIA

600,000 seeds per ounce.

A most decorative pot plant which finds ready sale if well grown. The strains we offer cannot be excelled.

1/2 trade Trade 1/64  
pkt. pkt. oz.

ⓂMichell's Ramona. An exceptionally free-flowering variety of dwarf compact habit. Flowers are large, well shaped, and beautifully tigered. The mixture contains a fine-range of colors in bronze, yellow, and red	1/128 oz.	\$4.00	\$1.25	\$2.00	\$7.20
Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing			1.25	2.75	
ⓂHybrida multiflora nana. A fine free-flowering type, with average-size blooms about 1 1/2 inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.	1/128 oz.	\$4.00	2.00	7.20	



CALCEOLARIA, Ramona

## CALENDULA - Pot Marigold

Forcing Varieties

3,000 seeds per ounce.

Trade pkt. 1/4 oz. Oz.

ⓂMichell's Sunbeams. Michell Novelty. Exquisite blending of many delightful shades and color combinations, from pale cream to deep orange	\$0.50	\$1.00	\$3.00
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center	.50	1.00	3.00
ⓂMichell's Special Forcing Orange. An extra-fine strain. Very large, double flowers of deep orange.	.50	1.00	3.00
ⓂBall Gold. Long-stemmed, deep golden yellow	.50	1.00	3.00
Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center	.50	1.00	3.00
ⓂBall Long Orange. Long-stemmed; orange with light center	.50	1.00	3.00
Ball Orange. Large, double, glowing orange flowers on long stems	.50	1.00	3.00
Ball Mixture	.40	.80	2.40

## Bedding Varieties

Trade pkt. Oz. 1/4 lb.

ⓂPacific Beauties. A new strain with very large flowers on long, upright stems. The colors comprise shadings from pale lemon-yellow-buff to deep orange. Excellent for cutting. Splendid mixture.	1/4 oz. 60c.	\$0.40	\$2.00	\$6.50
ⓂLemon King	.25	1.00	3.00	
ⓂOrange King	.25	1.00	3.00	
Mixed	Lb.	\$7.00	.25	1.00 3.00

## CANDYTUFT - Iberis

9,500 seeds per ounce.

Excellent edging plants and also valuable for cutting.

### Ⓜ Michell's Giant White

This giant variety, which produces immense pure white spikes of bloom, is a very superior strain. Individual bracts are large and the plants of strong, robust habit. The best strain for forcing under glass for cutting and for pot culture.

Trade pkt. 50c; oz. \$1.50; 1/4 lb. \$5.00; 1/2 lb. \$9.00.

Crimson.	Pink. Flesh-color.
ⓂEmpress (Hyacinth-flowered).	Rose-Cardinal. Brilliant rosy red.
Large; white.	Mixed. All colors.
Lavender.	

Each of the above: Tr. pkt. 30c; oz. 90c; 1/4 lb. \$3.00.

## CARDINAL CLIMBER

1,000 seeds per ounce.

Trade pkt. Oz.

Quamoclit Sloteri. Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. For good germination, a small notch should be filed or cut in each seed.	\$0.25	\$2.00
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## CARNATION, Annual Varieties

14,000 seeds per ounce.

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

ⓂMARGUERITE, MICHELL'S CUTTING-ALL-DOUBLE EXTRA-SELECT STRAIN. This is an excellent cut-flower variety. Large, fully double flowers in a beautiful range of colors.	Trade pkt. 50c; 1/4 oz. \$1.00; oz. \$3.00.
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Chabaud's Everblooming.	ⓂSparkler. Cardinal-red.
ⓂJeanne Dionis. White.	The Pearl. Rose-pink.
Marie Chabaud. Yellow.	Choice Mixed.

Each of the above, trade pkt. 40c; 1/4 oz. \$1.25; oz. \$3.75.

Giant Enfant de Nice. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2 1/2 to 3 inches in diameter. This strain is magnificent.

Red. Blood-red.	Salmon. Light.	Mixed.
Rose. Deep rose.	White.	

Each of the above: Tr. pkt. 50c; 1/8 oz. \$2.25.

Early Dwarf Vienna. Annual. A dwarf early blooming type, very free flowering choice mixture.

Tr. pkt. 50c; 1/8 oz. \$1.50; 1/4 oz. \$2.50.





# Better Flower Seeds

## CENTAUREA

Cyanus - Cornflower

6,500 seeds per ounce.

### Ⓜ Michell's Blue Bonnet

An improved strain of Blue Boy. The fully double flowers are deep blue with long stems making this strain an extra fine one for florists' cut-flower purposes.  
Trade. pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

**Blue Boy.** Deep cornflower-blue.  
**Black Boy.** Deep maroon.  
Ⓜ **Pinkie.** Clear deep pink.

**Red Boy.** The best deep red.  
**Snow Man.** Pure white.  
**Choice Mixture.**

Each of above: Tr. pkt. 20c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.20; lb. \$6.50.

Ⓜ **Jubilee Gem.** Dwarf type, free flowering, fine for pots or borders. 1 ft.  
Trade pkt. 30c; ¼ oz. 50c; oz. \$1.50.

## White-Leaved - Dusty Miller

Excellent for borders, vases, baskets, etc.

Tr. pkt. ¼ oz. Oz.

**Candidissima.** Broad-cut, silvery gray foliage ..... \$0.60 \$1.25 \$3.75  
**Gymnocarpa.** Fine-cut silvery foliage ..... .35 .60 1.80

## Large-Flowering Cut-Flower Sort

Tr. pkt. Oz.

**Americana.** Handsome large flowers. Lilac-purple ..... ¼ lb. \$3.50 \$0.25 \$1.00  
**Americana alba.** Pure white ..... ¼ lb. 3.50 .25 1.00

## CELOSIA - CRISTATA or COCKSCOMB

28,000 seeds per ounce.

Tr. pkt. ¼ oz. Oz.

Ⓜ **Toreador.** All-America Winner. A lustrous bright red with scarlet highlights. Plant tall and uniform ..... \$0.75 \$2.00 \$6.00  
**Gilberts Maple Gold.** Maple-pink heads vary in color from light to dark pink tipped with gold. Original pkts. only ..... .50  
Ⓜ **Royal Velvet.** All-America Winner. Velvety center heads of rich ruby-red ..... .50 1.20 3.60  
**Giant Empress.** Dwarf. Bright crimson. Dark foliage ..... .40 .80 2.40  
**Choice Mixed.** Dwarf sorts ..... .40 .80 2.40

## PLUMOSA or FEATHERED

A fine decorative plant for the garden; also excellent for cutting.

Tr. pkt. ¼ oz. Oz.

Ⓜ **Brilliancy.** Long scarlet plumes. Green foliage ..... \$0.50 \$1.50 \$4.50  
Ⓜ **Forest Fire.** The contrasting bronze foliage and brilliant plumes of fiery orange-scarlet combine to make this variety the most popular on the market today ..... .50 1.50 4.50  
**Pampas Plume.** Excellent for cutting, grows 30 in. high. The large, feathery flowers contain all the brilliant colors of autumn leaves. .... ¼ lb. \$8.50 .40 .75 2.50  
Ⓜ **Golden Fleece.** Plumes are bright gold changing to dark orange. Excellent for cutting ..... .50 1.20 3.60  
Ⓜ **Fiery Feather (Lilliput).** Extra select dwarf strain; color brilliant orange-red, fine for pots ..... .30 1.30 4.25  
Ⓜ **Golden Feather (Lilliput).** Same type as above, with bright golden yellow flowers ..... .30 1.30 4.25  
**Golden Plume.** Deep golden yellow ..... .40 1.20 3.60  
**Pride of Castle Gould, Mixed** ..... .40 .75 2.50  
**Scarlet Plume** ..... .40 1.20 3.60  
**Choice Mixed** ..... .40 1.20 3.60

## CINERARIA

See next page.

## CLARKIA elegans, Double

100,000 seeds per ounce.

A popular annual of easy growth, much used for cutting, both indoors and out.  
**Selected Mixture.** Trade pkt. 25c; ¼ oz. 75c; oz. \$2.25.



CENTAUREA CYANUS

## CLEOME - Spiderflower

13,800 seeds per ounce.

Ⓜ **Giant Pink Queen.** Silver Medal, All-America Selections. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 ft.. Tr. pkt. 35c; ¼ oz. 55c; oz. \$1.90.

**Helen Campbell.** (New.) A sport of Pink Queen with glistening pure white flowers. Slightly earlier and larger than the Pink.

Tr. pkt. 50c; ¼ oz. 90c; oz. \$2.70.



CLEOME, Helen Campbell

## CHRYSANTHEMUMS, Annual

9,500 seeds per ounce.

Tr. pkt. Oz.

**Single Mixed (Rainbow)** ..... \$0.25 \$2.00





CINERARIA, Cremer's Prize Strain

## CINERARIA

190,000 seeds per ounce.

### ® CREMER'S PRIZE STRAIN, WILT RESISTANT

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Tr. pkt. \$1.75; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.25.

### ® SITER'S RAINBOW STRAIN

**Mixed.** Large flower heads of medium-sized individual florets in an excellent color range.

Trade pkt. \$2.00; 1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.00.

### Multiflora Nana Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in great profusion and in a range of fine colors.

**Mixed Colors.**

1/2 trade pkt. 60c; trade pkt. \$1.00;  
1/64 oz. \$2.00; 1/32 oz. \$3.75.

### GOLD CENTER MULTIFLORA NANA

Attractive medium size flowers with gold centers. Choice mixed.

Tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

### MARITIMA CANDIDISSIMA (Dusty Miller)

White-leaved foliage plant much in demand for bedding, vases, baskets, etc.

Trade pkt. 25c; 1/4 oz. 50c; oz. \$1.50.

## COBAEA scandens - Cup-and-Saucer Vine

375 seeds per ounce.

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

**Purple** ..... Tr. pkt. 35c; 1/4 oz. 60c; oz. \$1.80.

## COLEUS, Large-Leaved Varieties

100,000 seeds per ounce.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

### ® Rainbow Mixture

A carefully selected blend of rich coppers, reds, yellows, and pinks in many different shades and tones. We consider our mixture one of the best on the market today. To insure a balanced mixture be sure no seedlings are discarded.

Tr. pkt. \$1.00;  
1/32 oz. \$2.50; 1/16 oz. \$4.00; 1/8 oz. \$7.50; 1/4 oz. \$12.00.

**Glory of Vichy.** A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form.

Trade pkt. 75c; 1/16 oz. \$2.50; 1/8 oz. \$4.00; 1/4 oz. \$7.00.

**Choice Mixture.**

Tr. pkt., 50c; 1/8 oz. \$2.00; 1/4 oz. \$3.50.

## CONVOLVULUS - Morning Glory

1,400 seeds per ounce.

	Trade pkt.	Oz.	1/4 lb.	Lb.
Clarke's New Improved Early Blue.....	\$0.25	\$0.75	\$2.25	
Imperial Mixed .....		.20	.60	2.00



COSMOS, Fiesta

## COSMOS

### Extra Early Sensation Mixed

5,000 seeds per ounce.

This new strain of Sensation Cosmos will bloom fully 2 weeks earlier than the regular variety. The plant habit is more graceful and slightly more dwarf than the regular strains. Flowers 4 to 4 1/2 inches across, made up of 7 to 8 overlapping petals forming a dish-like flower. Contains a full range of colors available in this popular flower.

Tr. pkt. 40c; 1/4 oz. 75c; oz. \$2.50.

® **FIESTA.** 2,800 seeds per ounce. Early, heat-loving, easy to grow, Fiesta makes a compact 2 1/2-ft. plant with a riot of bloom all summer. Flowers are semi-double, ruffled, a true fiery scarlet, borne like tropical birds amidst lacy foliage. Tr. pkt. 35c; 1/4 oz. \$1.20; oz. \$3.60.

**Double Sensation Mixed.** Two types, fluted and crested. The crested type has a large, 2-inch crested center and the fluted are so double they resemble a Camellia.

Tr. pkt. 55c; 1/4 oz. \$1.60; oz. \$4.80.

### Single Sensation

Early, giant-flowering single variety. Blooms large, 4 to 6 inches across. Height 6 feet.

Tr. pkt. 1/4 oz. Oz.

**Cardinal.** Crimson ..... \$0.30 \$0.50 \$1.50

**Pinkie.** Light pink ..... .30 .50 1.50

**Purity.** Pure white ..... .30 .50 1.50

**Mixed** ..... .30 .50 1.50

**RADIANCE.** Silver Medal, All-America Selections. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well-defined zone of rich crimson.

Tr. pkt. 30c; 1/4 oz. 50c; oz. \$1.50.

### Single Late-Flowering

**Giant-Flowering.**

**Mixed.**

Each of above: Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

## CROSSANDRA UNDULIFOLIA

This everblooming plant has flower spikes of overlapping bright salmon florets. Attractive bright glossy foliage.

Sown any time of the year it will flower in from 6 to 9 months. It requires a rich well drained soil and a temperature of at least 65 degrees. We predict this will become a very popular pot plant. We offer new crop seed. Seed sown in January and shifted to 4-inch pots will be ready for May sales. 50 seeds \$2.00; 100 seeds \$3.50; 200 seeds \$6.00.

## CUPHEA

7,000 seeds per ounce.

**Firefly.** For pot and bedding. Plants are dense and compact with bright scarlet flowers.

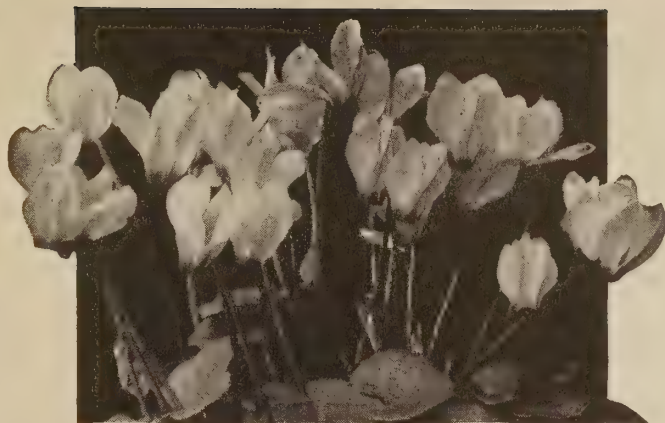
Tr. pkt. 40c; 1/8 oz. 75c; 1/4 oz. \$1.35.

## CYPRESS VINE - Ipomoea Quamoclit

Trade pkt. Oz.

**Mixed** ..... \$0.25 \$2.00





CYCLAMEN

## CYCLAMEN

### MICHELL'S GIANT IMPORTED SHOW

**Note.**—Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. <b>Dark Blood-red</b> .....	\$2.50	\$20.00
Ⓜ No. 2. <b>Bright Red</b> .....	2.50	20.00
Ⓜ No. 3. <b>Pure Rose</b> .....	2.50	20.00
No. 4. <b>Rose of Marienthal.</b> Bright pink .....	2.50	20.00
No. 5. <b>White with Carmine Eye</b> .....	2.50	20.00
Ⓜ No. 6. <b>Pure White</b> .....	2.50	20.00
Ⓜ No. 7. <b>Bonfire.</b> Brilliant scarlet .....	2.50	20.00
No. 8. <b>America.</b> Salmon-scarlet .....	2.50	20.00
No. 9. <b>Improved Salmon-Rose</b> .....	2.50	20.00
Ⓜ No. 10. <b>Glory of Wandsbek.</b> Salmon-red .....	2.50	20.00
Ⓜ No. 11. <b>Rose of Zehlendorf.</b> Salmon-pink .....	2.50	20.00
Ⓜ <b>Choice Mixture</b> .....	2.00	15.00

### VOGT'S DOUBLE-FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant. Available in original packets of 100 seeds.

**Mixed Colors.** 100 seeds \$3.75; 250 seeds \$7.75; 500 seeds \$14.50.

The above prices on Cyclamen are net and subject to market changes.

## CYNOGLOSSUM

5,300 seeds per ounce.

	Trade pkt.	1/4 oz.	Oz.
Ⓜ <b>FIRMAMENT.</b> Dwarf, compact type, 15 inches tall. Color deep ultramarine-blue .....	\$0.25	\$0.45	\$1.35

## DAHLIA

2,800 seeds per ounce.

Easily grown from seed, will bloom first year if sown early.

### Ⓜ Michell's Alldouble Dwarf Hybrids

A new strain which will produce 100 per cent all-double flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot plants.

Trade pkt. 75c; 1/4 oz. \$2.50; oz. \$8.00.

	Trade pkt.	Oz.
Ⓜ <b>Unwin's Dwarf Hybrids, Mixed.</b> Miniature, early-flowering, semi-double hybrids, 1 1/2 to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart. 1/4 oz. 80c; 1/4 lb. \$7.50 ..	\$0.40	\$2.50
<b>Double Cactus.</b> Choice mixture, all colors. 1/4 oz. \$2.50 ..	1.00	7.50
<b>Double California Giants, Mixed.</b> A selection from named varieties grown by a celebrated producer in California 1/4 oz. \$3.00 ..	1.00	11.00
<b>Double Large-Flowering, Mixed.</b> Show type 1/4 oz. \$1.00 ..	.60	3.50
<b>Coltness Hybrids, Mixed.</b> Dwarf single type. Very free flowering. Choice mixture. 2 ft. 1/4 oz. 50c ..	.25	1.75

## DIANTHUS - Pinks

25,000 seeds per ounce.

### Ⓜ Wee Willie

New. Dwarf, 3-inch plants with flowers in various shades of red. Plants bloom in 6 to 8 weeks from sowing. Excellent for flats and combinations. Tr. pkt. 60c; 1/4 oz. \$1.80; oz. \$5.40.

	Trade pkt.	Oz.
Ⓜ <b>Heddensis, Finest Mixed.</b> All-America Award Winner. Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed 2-inch flowers on long 16-inch stems, fine for cutting 1/4 oz. 60c ..	\$0.30	\$2.00
Ⓜ <b>Sweet Wivelsfield.</b> Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer. Mixed ..	.25	1.10

### Double Annual Varieties

<b>Chinensis Mixed.</b> China or India pink 1/4 lb. \$3.00 ..	.25	1.10
<b>Fringed, Mixed.</b> Large flowers ..	.25	1.25

## DELPHINIUM

### Chinense grandiflorum (Annual)

20,000 seeds per ounce.

	Trade pkt.	Oz.
Ⓜ <b>Blue Mirror.</b> Bright navy blue flowers without spurs. Can be treated as an annual, also perennial. Excellent for cutting 1/4 oz. \$1.25 ..	\$0.55	\$3.75
Ⓜ <b>Cambridge Blue.</b> Azure-blue. 3 ft. 1/4 oz. \$0.90 ..	.30	2.70
<b>Chinense, Finest Mixed</b> ..	1/4 oz. \$0.90 ..	.30 2.70

## DIDISCUS - Blue Lace Flower

10,300 seeds per ounce.

**Caerulea.** Improved Strain. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a Carnation house temperature.

Tr. pkt. 30c; 1/4 oz. 80c; oz. \$2.40.

## DIMORPHOTHECA

10,000 seeds per ounce.

	Trade pkt.	Oz.
<b>Aurantiaca hybrida.</b> African Orange Daisy. Various colors. 1 ft. 1/4 oz. \$0.60 ..	\$0.25	\$1.80

## DRACAENA

1,500 seeds per ounce.

	Trade pkt.	Oz.	1/4 lb.
<b>Indivisa.</b> Narrow green leaves. The popular center plant for vases ..	Lb. \$6.00 ..	\$0.20	\$0.55 \$1.65
<b>DUSTY MILLER.</b> See Centaurea and <b>Cineraria maritima.</b>			



UNWIN'S DWARF HYBRID DAHLIAS



## ESCHSCHOLTZIA - California Poppy

15,000 seeds per ounce. Trade pkt. Oz.  
Choice Mixed ..... \$0.30 \$1.00

## EXACUM AFFINE

1,000,000 seeds per ounce.

A fine greenhouse pot plant which produces richly fragrant violet-blue flowers. This neat and attractive plant will flower in 6 months from seed. Height 9 inches. Tr. pkt. \$1.25; 1/128 oz. \$3.00; 1/64 oz. \$5.50.

## GAILLARDIA

Annual Varieties

15,000 seeds per ounce.

Useful for cutting or for the mixed border. Trade pkt. Oz.  
Indian Chief. Single; brilliant bronzy red. 1/4 oz. 50c. \$0.25 \$1.50

Double Annual, Mixed (G. pulchella picta Lorenziana) 1/4 oz. 50c. .25 1.50

## GERANIUM

6,200 seeds per ounce.

Zonale, Mixed. Single 1/4 oz. \$2.00. .60 6.00

## GERBERA - Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot plants or for cutting.

100 1000  
seeds seeds

Jamesoni hybrida. These hybrids include many brilliant colors and shades ..... \$0.65 \$5.50

## GLOXINIA

1/32 oz. 25,000 seeds.

**Cultural Directions:** For good salable 4- or 5-inch pots in June sow the seed in December or early January. Germinate the seed at 70 degrees and carry the seedlings at 65. For the first transplanting seedlings should be placed in flats or open beds with a spacing of 2 or 3 inches. Tuberous Begonia soil is satisfactory. After seedlings become crowded pot into 4's. Keep them growing, never allow them to become dry. Light shade is used in the winter months and heavier as the days become brighter.

## PANZER'S SCARLET

The most popular of all Gloxinias. A vivid velvety red. Originators seed. Tr. pkt. \$3.00; 5 pkts. \$13.50.

Emperor Frederick. Scarlet and white.

Emperor William. Violet and white.

Scarlet.

Blue.

White. Pure white.

Tigrina. Tigered and spotted.

Each of above: Tr. pkt. \$1.25; 6 pkts. \$6.00.

Hybrida grandiflora. French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated specialist. 1/2 tr. pkt. 75c; tr. pkt. \$1.25.

## GYPSOPHILA elegans grandiflora

Baby's Breath

24,000 seeds per ounce.

New York Market. Fine pure white variety; large, extra-petaled flowers. Strong growth. \$0.40 \$1.00 \$3.00

Covent Garden Market (London Market). (Improved Strain.) Very large pure white flowers with 6 to 8 petals. We consider this the best variety on the market .30 .75 2.50

Paris Market Strain. A popular standard sort. Very early .30 1.20 3.60

Elegans carminea. Bright carmine-rose Tr. pkt. 20c. 1.20 4.00

## GOMPHRENA - Globe Amaranth

5,500 seeds per ounce.

Also called "Bachelor's Button's." A useful Everlasting for bedding, also for cutting. Trade pkt. Oz.

Buddy. Dwarf purple, an excellent strain for pot plants or borders. Uniform, ball-shaped plants 6 inches tall, very long blooming 1/4 oz. \$1.00. \$0.60 \$3.00  
Globosa. Tall. Red-purple. 1/4 oz. \$0.50. .30 1.50  
Mixed. All colors 1/4 oz. \$0.50 .30 1.50

## GREVILLEA - Silk Oak

3,000 seeds per ounce.

Trade pkt. Oz.

Robusta. A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed 1/4 oz. \$1.35. \$0.40 \$4.00

## GOURDS, Ornamental

Large Sorts, Mixed .25 .90  
Small Sorts, Mixed .25 .90

## HELIOTROPE

50,000 seeds per ounce.

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.

Marine. Dark navy blue with rich green foliage. Huge flower heads 12 to 15 inches across. Early flowering. Excellent for bedding or pots. Very fragrant Tr. pkt. 55c; 1/16 oz. \$1.60; 1/4 oz. \$4.80.

Trade pkt. Oz.

Choice Mixed 1/4 oz. \$0.75 \$0.40 \$2.50

## HELICHRYSUM bracteatum monstrosum

36,000 seeds per ounce.

Strawflower Tr. pkt. 1/4 oz. Oz.

Choice Mixed ..... \$0.25 \$0.40 \$1.40

## HOLLYHOCK, Double Annual

3,800 seeds per ounce.

Indian Summer. All-America Bronze Medal Winner. Double Hollyhock that blooms in the summer from seed sown early in spring; also can be treated as a perennial. Choice Mixed.

Tr. pkt. 40c; 1/4 oz. 80c; oz. \$2.40.

## HUNNEMANNIA - Yellow Tulip Poppy

7,000 seeds per ounce.

Trade pkt. Oz.

Sunlite. Semi-double, bright canary-yellow flowers. Gray-green foliage 1/4 oz. 50c. \$0.25 \$1.75



IMPATIENS

## IMPATIENS - Sultan's Balsam

66,000 seeds per ounce.

Dwarf Deep Scarlet. Carmine-scarlet changing to deep salmon-scarlet, dwarf compact free flowering habit.

Tr. pkt. \$1.50; 1/32 oz. \$5.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

Dwarf Salmon. Same as above except color, which is a salmon-orange. Tr. pkt. \$1.50; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

Dwarf Sultani Mixture. Compact and free flowering plants in a bright mixture.

Tr. pkt. \$1.50; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

Holsti. Vermilion-red.

Holsti New Hybrids. Various colors.

Sultani Hybrids. Various colors.

Each of the above: Tr. pkt. 60c; 1/16 oz. \$1.10; 1/8 oz. \$2.00.





MORNING GLORY, Pearly Gates

## IPOMOEA

650 seeds per ounce.

Tr. pkt. Oz.

**Candy Pink.** A giant-flowered pure bright pink Morning Glory. Flowers are 4 inches in diameter with plants growing to 15 ft. Flowers continuously ..... 1/4 oz. 50c. \$0.25 \$1.65

Ⓜ **Blue Star.** Honorable Mention, All-America Selections. A distinct shade of clear sky-blue accentuated by the five deeper blue midribs to form an attractive star ..... .40 1.50

Ⓜ **Pearly Gates.** Silver Medal, All-America Selections. The flowers of this variety are a lovely lustrous white with cream shading deep down in the throat and average 4 1/2 inches across ..... 1/4 lb. \$3.00. .40 .90

Ⓜ **Scarlett O'Hara.** Gold Medal, All-America Selections. An early flowering variety with blooms 3 to 4 inches across and of a vivid scarlet color. Will begin to bloom in about 65 days from seed ..... 1/4 oz. \$0.45. .25 1.25

**Heavenly Blue Morning Glory, Clarke's Early Improved** ..... 1/4 lb. \$2.25. .25 .75

**Noctiflora.** Moonflower. Large; white. .... 1/4 lb. \$1.50. .20 .50

## HEARTS AND HONEY

Ⓜ **Magic Flower Vine.** Changes color 3 times a day. One of the most unusual flowers ever offered—pretty as a picture. Easily grown anywhere. Flowers 7 weeks after sown and blooms continuously until frost. In early morning flowers are a brilliant orange, towards noon they become a pinkish red and in later afternoon a clear bright shade of rose-pink with a white center .... 1/4 oz. 75c. .40 2.50

## KALANCHOE

2,240,000 seeds per ounce.

The increasing popularity of this plant is due to its durability in the home. The normal flowering period is January and February, however, they may be flowered from Christmas if seed is sown in January and the plants shaded for four weeks beginning September 1st, and grown at 60°. Seed sown August 1 will make good 2 1/4 in. for Valentine's Day if grown at 50° with no black cloth treatment.

Tr. 1/64  
pkt. oz.

Ⓜ **BRILLIANT STAR.** An excellent pot plant with flowers three times the size of regular varieties, and of a brighter fiery red color. Stem is 9 to 11 inches long, especially good for cutting ..... 1/128 oz. \$2.10. \$1.00 \$3.85

**Tom Thumb.** A dwarf compact strain of this popular succulent producing perfectly rounded symmetrical plants, literally covered with bright scarlet flowers ..... 1/128 oz. \$3.00. 1.50 5.50

## KOCHIA - Summer Cypress

45,000 seeds per ounce.

Tr. pkt. Oz.

**Childsi.** An improved strain. .... \$0.15 \$0.50

## LANTANA

1,300 seeds per ounce.

**Hybrida Choice Mixed.** Sow seed early, and with bottom heat ..... 1/4 oz. 90c. .30 2.70

## LINARIA

462,000 seeds per ounce.

**Fairy Bouquet Mixed.** Dwarf. Large flowering. Choice mixture ..... 1/4 oz. 50c. .25 1.50

## LOBELIA

700,000 seeds per ounce.

One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early.

Ⓜ **Rosamond.** New. Startling new color, a violet-rose with white eye.

Ⓜ **Sutton's Cambridge Blue.** Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage.

**Michell's Blue Stone.** Dwarf, compact growth. Bright blue.

Ⓜ **Crystal Palace Compacta.** The leading dwarf variety. Dark blue flowers and dark foliage.

**Crystal Palace Speciosa.** The best trailing sort for baskets and vases. Deep blue flowers.

**Mrs. Clibran.** Dwarf. Deep blue flowers with white eyes.

**Sapphire.** Deep blue, white eye. Trailing.

Each of the above, trade pkt. 50c; 1/4 oz. \$1.25; oz. \$3.75.

## LUPINUS, Annual Dwarf

1,300 seeds per ounce.

Trade pkt. Oz.

Very attractive and popular as a cut flower.

Ⓜ **PIXIE DELIGHT.** Dwarf growing Lupin, very free flowering in a wide range of colors. This is something different and should find a place in every garden. .... 1/4 oz. 60c. \$0.30 \$2.00

## HARTWEGI (KING)

An improved strain, 3 to 4 feet high, with base-branching habit.

**King Blue.** Enormous spikes of rich Oxford-blue color.

**King Sky-Blue.** Clear light blue.

**King White.** Glistening pure white; giant spikes.

**Choice Mixture.**

Each of the above, trade pkt. 25c; oz. \$1.00; 1/4 lb. \$3.00.



LOBELIA, Blue Stone



# *Michell's Larkspur*

8,000 seeds per ounce.

This very popular annual for cutting can be grown either outdoors or in the greenhouse. The most successful method for spring flowering is to sow the seed in the open ground approximately 1 inch apart. One ounce will sow a 600-foot row. The young seedlings can be protected with a mulch, although in many sections of the country this is not necessary. Select a location with good drainage. For growing under glass they are excellent to follow late Mums. Seed is sown in late December to early January. Seedlings will have to be banded or potted. Plants are benched 10x10 and grown in 45°-50° temperatures.

## ® New Supreme Strain

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types. This variety is especially fine for greenhouse growing.

**Light Blue Supreme.** Clear heavenly blue.  
**Dark Blue Supreme.** Rich violet-purple.  
**Lilac Supreme.** The best clear lilac to date.  
**Pink Supreme.** Clear bright rose-pink.

**Rose Supreme.** Clear deep rose.  
**Salmon Supreme.** A true salmon-pink.  
**White Supreme.** Pure white.  
**Choice Mixed.**

Each of the above, trade pkt. 40c; ½ oz. \$1.00; oz. \$1.80; ¼ lb. \$6.00; lb. \$18.00.

## Giant Imperial Varieties

Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

® **Brilliant Rose.** The finest florist rose-pink to date.

**Blue Bell.** Clear light blue.

**Blue Spire.** An intense deep Oxford blue.

**Deep Carmine King, Improved.** A larger, more beautiful Carmine King, which will hold its color under the most trying conditions.

**Exquisite Pink, Improved.** Beautiful salmon-pink. Comes practically 100% true.

**Lilac King.** A true lilac shade.

**Lilac Queen.** Rich lilac, shading lavender-blue.

**Lilac Spire.** Bright lilac.

**Pink King.** Soft, warm salmon-rose.

**Pink Perfection.** Lively shade of light pink. Large florets.

**Sweet Lavender.** Light lavender-blue.

**White King.** (Improved.) All-America Winner Giant pure white flowers on long spikes.

**White Spire.** Pure white.  
**Mixed.**

Each of the above, trade pkt. 30c; oz. \$1.60; ¼ lb. \$5.25; lb. \$16.00.

**PLEASE NOTE.**—The pound rate will apply only where ½ pound or more of a variety is ordered.

## LARKSPUR, Supreme



LARKSPUR,  
Imperial





NASTURTIVM, Golden Gleam

## MARIGOLDS

See pages 22 and 23.

## MIGNONETTE

27,000 seeds per ounce.

For a spring cut, sow in January. Very fragrant.

	Trade pkt.	Oz.
Ⓜ <b>Ball Forcing Strain.</b> Colossal spikes. The best variety for forcing .....	1/4 oz.	\$1.00 \$0.40 \$3.00
<b>New York Market.</b> A selected florists' strain .....	1/4 oz.	50c. .25 1.50
<b>Sweet-Scented.</b> Large flowering .....	1/4 lb.	\$1.50. .50

## MIMOSA

**Pudica** (Sensitive Plant). Novelty, fern-like plant. Leaves close when touched .....

1/4 oz. 65c. .30 2.00

## MIRABILIS JALAPA

350 seeds per ounce.

Marvel of Peru; Four O'clock

	Oz.	1/4 lb.
<b>Mixed Colors</b> .....	\$0.40	\$1.25



NIEREMBERGIA, Purple Robe

## NASTURTIVMS, Double Varieties

175 seeds per ounce.

**Dwarf Double Art Shades.** The most brilliant mixture yet introduced. Plants are of dwarf, compact habit with the flowers well above the foliage. Excellent for borders.

**Dwarf, Golden Globe.** Identical in color to the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.

**Dwarf, Scarlet Globe.**

**Dwarf Gem Mixture.** Semi-double, sweet-scented flowers in an excellent color range.

Ⓜ **Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.

Ⓜ **Scarlet Gleam.** (Bodger.) Fiery scarlet, 3 inches across and uniformly double, with lush green foliage.

Ⓜ **Gleam Hybrids.** (Bodger.) These are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Each of the above: Oz. 45c; 1/4 lb. \$1.25; 1 lb. \$4.00.

### Dwarf or Tom Thumb Single Variety

240 seeds per ounce.

	Oz.	1/4 lb.	1 lb.
<b>Michell's Giant-Flowering, Mixed</b> .....	\$0.40	\$1.00	\$3.00

### Climbing or Trailing Variety

<b>Michell's Giant-Flowering, Mixed</b> .....	.40	1.00	3.00
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## NEMESIA

**Triumph Mixture.** 6- to 8-inch, dwarf, compact plants ideal for combinations and bedding. Outstanding mixture with wide color range.

Tr. pkt. 35c; 1/8 oz. 75c; 1/2 oz. \$2.50.

## NEMOPHILA

	Tr. pkt.	Oz.
<b>Insignis, Blue.</b> A pretty annual growing about 8 inches high, with light blue flowers .....	\$0.25	\$1.00



NICOTIANA AFFINIS and CRIMSON BEDDER

## NICOTIANA - Ornamental Tobacco

210,000 seeds per ounce.

Tr. pkt. Oz.

**Miniature White (N. suaveolens).** A dwarf type growing 1 1/2 feet high, with miniature white, very fragrant flowers. .... 1/16 oz. 85c. \$0.35

Ⓜ **Affinis.** (400,000 seeds.) Large, white, fragrant flowers. 2 1/2 ft. .... .25 1.20

**Affinis Hybrids, Mixed.** 2 1/2 ft. .... .25 1.20

Ⓜ **Crimson Bedder.** Rich deep crimson. Dwarf. 1/4 oz. 60c. .30 2.00

## NIEREMBERGIA

1/32 oz. 5,000 seeds.

Trade pkt.

**Hippomanica.** Dwarf Cup-Flower. A lovely annual, growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center .... 1/32 oz. \$1.35 \$0.40

Ⓜ **Purple Robe.** Bronze Medal, All-America Selections. A very fine deep violet-purple form of Hippomanica. This form maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high .... 1.32 oz. \$1.75. .50





DAINTY MARIETTA

## DWARF SINGLE FRENCH

**Dainty Marietta.** Soft golden yellow flowers colored mahogany at the base of each petal. Plants are dwarf and compact and will bloom extremely early, making it ideal for flat growers. Free flowering.

**Brownie.** The mahogany-red petals are edged with a thin line of gold further enhancing the warm color. Very free flowering, blooms 2 inches in diameter, long flowering season.

Ⓜ **Flash.** The flowers are brilliant tangerine and marigold, later turning to golden orange.

**Naughty Marietta.** Flowers 2 to 2½ inches in diameter. 12 inches tall and 16 inches across, completely covered with bright golden yellow flowers, attractively marked with mahogany at the base of the petals.

Ⓜ **Red Head.** The plants grow very vigorously—forming a compact row 15 inches high and 20 inches across. Flowers 2 in. across, rich mahogany.

**Sunny.** Cheerful, single, bright yellow flowers, about 2 in. across, with attractive wavy edges. Plants are well rounded, 15 in. tall, 16 inches across.

Prices above 6, each: Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.



BUTTERBALL

# MARIGOLDS

## Dwarf Types for Bedding

9,000 seeds per ounce.

Ⓜ Recommended varieties

## DWARF DOUBLE FRENCH

### Ⓜ PETITE MARIGOLD

All-America Bronze Medal Winner 1958. This strain is extra dwarf, uniform, early and extremely floriferous. Outstanding for borders and mass effects. Plants flower when 3 inches high and grow to a height of 5 to 6 inches with a 10-inch spread. See illustration on back cover.

**Petite Gold.** Deep gold.

**Petite Yellow.** Brilliant yellow.

**Petite Orange.** Bright orange.

**Petite Harmony.** Mahogany petals, gold center.

**Petite Mixed.** Mixture of above varieties.

Tr. pkt. 45c; ¼ oz., \$1.35; oz. \$4.00; ¼ lb. \$13.35.

## Standard Varieties Trade pkt. ¼ oz. Oz.

Ⓜ <b>Butterball.</b> Bronze Medal, All-America Selections. Very compact, Scabious-flowered, canary-yellow. 6 to 10 inches tall; uniform. Very early	\$0.30	\$0.65	\$2.00
Ⓜ <b>Color Magic.</b> Fully double, 1½-inch flowers in rich shades of yellow and orange irregularly marked with red. 12 in. high	.40	.75	2.50
<b>Harmony Hybrids.</b> 12 to 14 inches high, flowers medium size, color range includes innumerable combinations of Harmony	.30	.65	2.00
Ⓜ <b>Harmony.</b> Flowers very double, deep orange, with maroon collar	.30	.65	2.00
Ⓜ <b>Lemon Drop.</b> This early full double canary-yellow Marigold will in our opinion replace Yellow Pygmy. Grows 9 inches tall, free flowering and uniform, compact plants. Excellent for pots for bedding	.30	.65	2.00
<b>Melody.</b> Bronze Medal, All-America Selections. Double, brilliant orange. Compact plants 12 inches high. Very early	.30	.65	2.00
<b>Miniature New Spry Hybrids.</b> New and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain	.30	.65	2.00
<b>Parisian Hybrids.</b> All of the colors, hues and tones known to Marigolds. Considerably earlier than the regular strains and blooms late into the fall season	.30	.65	2.00
<b>Primrose Gem.</b> A rich primrose-yellow; with tightly packed centers, supported by several rows of slightly larger petals. Plants are neat and compact and about 9 inches tall. Twelve to fifteen blooms in flower on one plant at a time	.30	.65	2.00
Ⓜ <b>Rusty Red.</b> Large, rusty red, fully double flowers, 2 inches and more across, are borne freely well above the dwarf, bushy plants from early in the summer until frost. Grows 18 inches high	.30	.65	2.00
Ⓜ <b>Spry.</b> Silver Medal, All-America Selections. Extra-dwarf, double, compact and uniform, 9 inches tall, with very light orange-crested center and maroon outer petals	.30	.65	2.00
<b>Scarlet Glow.</b> Honorable Mention, All-America Selections. A distinct bronzy red color. Flowers are 1¼ to 2 inches across; some show russet and golden colors	.30	.65	2.00
Ⓜ <b>Sunkist.</b> Very dwarf and compact, with solid deep golden orange, Anemone-type flowers. Free flowering	.30	.65	2.00
<b>Tangerine.</b> Distinct shade of bright tangerine-orange. Flowers are fully double, 2 inches across, and completely cover the bushy, mound-like plants which grow about 15 inches high	.30	.65	2.00
<b>Yellow Pygmy.</b> Light lemon-yellow. Grows 8 inches high. Free flowering	.30	.65	2.00
<b>Dwarf Double French, Mixed</b>	¼ lb. \$6.00	.30	.65 2.00

## DWARF DOUBLE AFRICAN

Ⓜ <b>Cupid Yellow.</b> Odorless foliage. Large primrose-yellow Chrysanthemum-like flowers, 2 to 2½ inches across. Height 6 inches.	.50	1.75	5.00
Ⓜ <b>Cupid Orange.</b> Identical to Cupid Yellow except for its orange flower	.50	1.75	5.00
<b>Cupid Mixed.</b> A special blend carefully prepared by the western producer	.50	1.75	5.00
<b>Little Giants, Mixed.</b> Plants are compact and literally covered with blossoms. Foliage is a deep bluish green	.40	.65	2.25



# Tall Types for Cutting

## AFRICAN TYPES

### Chrysanthemum-Flowered

	Tr. pkt.	¼ oz.	Oz.
® <b>Glitters.</b> All-America Bronze Medal Winner. Fluffy, Chrysanthemum-like, bright canary-yellow flowers 3 inches across, long stems. 2 feet tall	\$0.35	\$1.00	\$3.00
<b>Golden Crown.</b> Extra early Chrysanthemum type, blooms from 2 to 3 weeks ahead of regular strains. The color is a lively golden orange. The bountiful supply of huge blooms are 3½ to 4½ inches. Height about 16 to 20 inches	.50	1.25	4.00
<b>Goldsmith.</b> Base branching, growing 3 to 4 feet high and producing large golden orange blooms 4 to 5 inches across	.40	.75	2.50
® <b>Mammoth Mum.</b> Flowers are fluffy, ball-like, light sulphur-yellow in color. Plants are 30 inches high and blooms 3½ inches across. Early flowering.	.40	.90	3.00
<b>Giant Chrysanthemum-Flowered Hybrids.</b> These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms and colors	.30	.55	1.75



Chrysanthemum-Flowered  
Mammoth Mum

### African Double

	Tr. pkt.	Oz.
<b>Tall Double, Mixed</b>	¼ lb. \$5.50	\$0.30 \$1.50

### Gigantea Varieties

A remarkable sweet-scented, robust growing, extremely large flowered type.

	Tr. pkt.	¼ oz.	Oz.
® <b>Crackerjack.</b> The earliest of the Giant varieties. Compact plants growing 30 to 36 inches tall. The blooms measure 5 to 6 inches in diameter and the color ranges through yellow to gold and brilliant orange	\$0.40	\$1.00	\$3.00
<b>Early Sunset Giants, Mixed.</b> An early blooming variety. The color range includes cream, buff, lemon, gold and orange	.30	.55	1.75
<b>Gigantea, Orange Sunset.</b> All-America Winner. Flowers average 5 inches or more in diameter	.30	.55	1.75
<b>Sunset Giants Mixed.</b> Plants grow 3½ to 4 feet high. Same as above in choice mixed colors	.30	.55	1.75

®

Varieties preceded with this symbol are especially recommended.



Carnation-Flowered Sunbrite

### Carnation-Flowered

These favorite free-flowering annuals grow from 2½ to 4 ft. tall and are well adapted for large beds, mixed borders, and splendid for cutting.

	Tr. pkt.	¼ oz.	Oz.
® <b>Alldouble Lemon.</b> A fine clear yellow variety which will produce all double flowers	\$0.30	\$0.55	\$1.75
® <b>Alldouble Orange.</b> Produces a large percentage of double flowers of a bright orange shade	.30	.55	1.75
<b>Burpee Gold.</b> Beautiful Carnation-like flower, fully double. Color is an even rich orange. Blooms 3½ inches across. Plants lack the disagreeable odor	.30	.55	1.75
<b>Guinea Gold.</b> The flowers are 100% double and semi-double. Clear orange, flushed with gold	.30	.55	1.75
<b>Man-in-the-Moon.</b> A pale lemon-yellow, fully double, nearest to white	.30	.55	1.75
® <b>Sunbrite.</b> Very early, this strain produces blooms of deep golden yellow measuring from 3 to 3½ inches across. The plant habit is very uniform. Height 12 to 15 inches	.50	1.25	4.00
<b>Yellow Supreme.</b> Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft.	.30	.55	1.75
® <b>Carnation-Flowered Mix</b>	.30	.55	1.75

## FORCING MARIGOLDS

**Lieb's Winter-Flowering.** Mahogany-brown, golden yellow crested center.

**Lieb's Winter-Flowering Sunshine.** Bright golden yellow.

Above two: Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

### Single Bush Types

® **LULU.** This is the first real yellow in the Tagetes type. A very compact dome-shaped plant growing about 7 inches tall and 12 inches across. The plant is completely covered with dainty single florets that are three-fourths of an inch across. A pleasing shade of bright canary-yellow, without a zone but with a small eye that is a trifle darker. Ideal for borders, edgings and rockeries.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

Tr. pkt. Oz.

**Signata pumila.** A fine bedding plant. Flowers golden yellow

\$0.25 \$1.00



# Michell's

# Giant Pansies

24,000 seeds per ounce.



PANSY, Swiss Giants

Ⓜ Recommended varieties.

Pansies have become equivalent to Petunias in spring bedding plant sales. This rise in popularity has been the reason for new methods of culture being developed. Many Pansy growers now sow their seed in December or early January and carry their seedlings in the greenhouse until just after freezing temperatures when they are placed in cold frames.

The other popular method is the sowing of seed in late July or early August. These plants are then spaced 4x6 in frames and given a protective winter covering. Plants handled in this way should have their bud set before freezing weather arrives.

## COLOR CARNIVAL

Ⓜ (Pacific Giant F-2 Hybrid)

"Pansy Color Carnival" is probably the most highly developed American Pansy ever bred; it figures all the colors and advantages of the finest Swiss Strains with extremely large flower size and vigor. Blooms all are blotched, coloration runs the full range of Pansy colors in rich variation, predominantly reds, scarlets of the finest texture, to satisfy the most critical Pansy expert. Habit of growth of all plants of each color is remarkably uniform.

Tr. pkt. \$1.50; 1/8 oz. \$3.75; 1/4 oz. \$7.00;  
1/2 oz. \$12.00; oz. \$22.00.

Ⓜ **America.** A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

**Blue Boy.** Medium size silvery blue flowers. Free-flowering.

Tr. pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

**Dwarf Swiss Giants, Choice Mixed.** More compact and dwarf than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00; 1/4 lb. \$28.00.

Ⓜ **Engelmann's Mixture.** Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Tr. pkt. \$1.00; 1/8 oz. \$3.30; 1/4 oz. \$6.00; oz. \$18.00; 1/4 lb. \$64.00.

**Felix.** Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the over-all effect is very striking.

Tr. pkt. \$1.00; 1/4 oz. \$3.00; oz. \$9.00; 1/4 lb. \$30.00.

**Improved Swiss Giants Mixture.** Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Ⓜ **Jumbo Mixture.** Grown from Originator's Stock. Extra-large, long-stemmed flowers, very early, in a choice mixture of colors.

Tr. pkt. \$1.00; 1/8 oz. \$3.00;  
1/4 oz. \$5.10; 1/2 oz. \$9.20; oz. \$16.50; 1/4 lb. \$58.75.

**Maple Leaf Giants.** A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Ⓜ **Michell's Giant Climbing.** This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades.

Tr. pkt. \$1.00; 1/8 oz. \$3.00;  
1/4 oz. \$5.00; oz. \$17.00; 1/4 lb. \$59.50.

Ⓜ **Michell's Springtime Giant Pansy.** We are pleased to offer this fine new early-flowering Giant Pansy with blooms measuring 3 1/2 to 4 inches across, and coming in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Ⓜ **Michell's Giant Exhibition, Mixed.** A giant strain of heavy texture and varied shades and colors.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Ⓜ **Michell's New Swiss Giants.** The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Ⓜ **Michell's New Swiss Ruffled.** (Pastel Shades Mixed.) Flowers are large and beautifully ruffled. This strain is a mixture of lovely pastel shades not seen in Pansies.

Tr. pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00; 1/4 lb. \$32.00.

**Pay Dirt Jumbo.** Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat.

Trade pkt. \$1.00; 1/8 oz. \$5.00; 1/4 oz. \$9.00; oz. \$28.00.

**Trimardeau, Choice Mixed.** Medium-sized flowers, excellent for bedding.

Trade pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

## SWISS GIANTS, SEPARATE SORTS

**Alpenglow.** A fine range of cardinal-red shades.

**Berna.** Very rich, velvety purple-violet.

Ⓜ **Coronation Gold.** Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.

**Firebeacon.** Bright wallflower-red with a touch of orange.

Ⓜ **Lake of Thun (Ullswater).** Marine-blue, with deep blue blotches.

**Luna.** Soft sulphur-yellow; frilled edges.

Ⓜ **Pure White.** The best giant pure white.

Ⓜ **Raspberry Rose.** Soft pink-carmine; velvety blotched, slightly lighter at edges.

**Rheingold.** Deep golden yellow with black blotches on the three lower petals.

**Red Wing.** Upper petals red, lower petals golden yellow with dark blotches.

Ⓜ **Super Beaconsfield.** Extremely large-flowered, lower petals purple-violet shading off to white, flushed lilac on the upper petals, comes 80% true.

Each of the above, trade pkt. 80c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$11.00.





# Radiant PHLOX

## PETUNIAS

See pages 2 to 8

## PHLOX DRUMMONDI

14,000 seeds per ounce.

### Ⓜ Twinkle, Dwarf Star Mixed

Now star-shaped Phlox is available in a good color range. The compact plant carries the flower well above the foliage. The mixture is warm and gay with pinks and red shades predominating. Its height of 6 to 7 inches makes it excellent for bedding.

Tr. pkt. 75c; 1/8 oz. \$1.30; 1/4 oz. \$2.35; oz. \$7.00.



PHLOX DRUMMONDI, Michell's Radiant Mixed

### Ⓜ Michell's Radiant Mixed

We have what we consider the outstanding dwarf Phlox offered. The plants are more compact than any other strain and the flowers are larger with more distinct eyes and the color range is unbelievable, every conceivable color in this popular flower is in this mixture. This strain is so free flowering that the entire plant is covered with blooms so numerous that the foliage is completely hidden. Especially recommended for pots. Grows 6 to 8 inches high. See illustration inside back cover.

Tr. pkt. 75c; 1/4 oz. \$2.00; oz. \$7.00; 1/4 lb. \$26.00.

### Ⓜ Michell's Dwarf Beauty, Mixed

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture. The individual florets are large and this strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50; 1/4 lb. \$16.00.

## Grandiflora Gigantea, Art Shades

Flowers 1 1/4 to 1 1/2 inches in diameter. In addition to its enormous flowers, it has a most wonderful range of color in soft art shades. Plants about 9 inches high. Choice mixture only.

Trade pkt. 45c; 1/4 oz. \$1.10; oz. \$3.30.

## Grandiflora, Tall

Choicest Mixed.

Trade pkt. 30c; 1/4 oz. 80c; oz. \$2.40.

Ⓜ

Varieties preceded with this symbol are especially recommended.

## POPPY - Papaver

### SINGLE EARLY VARIETIES

72,000 seeds per ounce

Trade pkt. Oz.

Ⓜ **NORMANDY.** Large single flowers of a brilliant orange-scarlet ..... \$0.25 \$0.75

**Shirley, Mixed.** Large flowers ..... 1/4 lb. \$3.00 .25 1.00

### DOUBLE ANNUAL VARIETY

Tr. pkt. 1/4 oz.

**Improved Shirley, May Queen.** An improved strain with large double flowers. Mixed colors ..... Oz. \$2.50 \$0.25 \$0.75



Double Portulaca

## PORTULACA (Moss Rose)

280,000 seeds per ounce

Trade pkt. 1/4 oz. Oz.

Ⓜ **Double Flowering Mixed.** Produces 80% double flowers ..... \$0.30 \$1.25 \$3.75

**Single Flowering Mixed Colors** ..... .25 .70 2.35

**Single Jewel.** Flowers four times as large as the regular single varieties and of very unusual beauty. Color a brilliant deep rose-crimson. 1/8 oz. \$1.00 .50 1.50 4.50

### THE 12 BEST FOR BEDDING

Make sure you have some varieties of each of these 12 most popular items for bedding.

Petunias	Impatiens	Snapdragons
Alyssum	Marigolds	Verbenas
Coleus	Phlox	Vinca
Dahlias	Salvia	Zinnia

## PYRETHRUM

Trade pkt. 1/4 oz. Oz.

**Aureum.** Golden Feather. Golden yellow foliage. For bedding ..... \$0.25 \$0.40 \$1.35





PRIMULA Obconica

## PRIMULA MALACOIDES

385,000 seeds per ounce.

Ⓜ **Glory of Riverside, Improved.** True rose-pink, a strong grower and without a doubt the most valuable variety for all purposes.

**Lavender New Baby, Improved.** While some flowers are a lavender-pink, this variety does contain the most beautiful shades of lavender.

Ⓜ **Mrs. Eriksson of Riverside.** Large flowers of deep rose-red.

Ⓜ **New Giant Salmon-Rose.** Large flowers of light salmon-rose.

**White Giant (Pure White).** Large pure white flowers on strong stems; good for combinations.

**Malacoides Special Mixed.**

Each of the above, tr. pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.25.

## GIANT OBCONICAS

128,000 seeds per ounce.

Ⓜ **Wyaston Wonder.** This type of **Primula obconica**, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage.

1/2 trade. pkt. 75c; trade pkt. \$1.25; 1/64 oz. \$2.75.

Ⓜ **Fasbender.** Very compact, with enormous deep crimson blooms.

**Mohnstein Kermesina.** Crimson.

Ⓜ **Mueller.** (Berlin.) Bright rose.

**Mueller and Mohnstein, Mixed.** Shades of pink and red.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

## OBCONICA, SUPER-GIANT STRAINS

Ⓜ **Giant Blood-Red.** Dark blood-red shade.

**Giant Crimson.** Enormous size truss; crimson color.

Ⓜ **Giant Rose Queen.** Brilliant rose-pink.

**Giant White.** Pure white.

**Sky Blue (Konigsee).** Light heavenly blue with yellow throat.

**Red Pearl.** Deep salmon-scarlet.

**Giant Choice Mixed.** A mixture of the above and other colors.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

## FRINGED CHINESE VARIETY

18,000 seeds per ounce.

**Michell's Prize Mixture.** This mixture contains only the very finest sorts. Trade pkt. \$1.25; 1/32 oz. \$3.75.

## RICINUS COMMUNIS - Castor Oil Bean

Very effective plants on the lawn as centerpieces in beds of flowers such as Cannas, etc.

Ⓜ **Sanguineus.** Blood-red stalks. 8 ft.

**Zanzibarensis.** Large. Various colors. 12 ft.

**Mixed.** All sorts.

Each of the above, oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.



SALVIA, Fireball

## SALVIA

7,500 seeds per ounce.

**NOTE:** Sow late in February. A larger percentage of Salvia seed will germinate if sown after February 1 with plenty of bottom heat.

Tr. pkt. 1/4 oz. Oz

Ⓜ **Fireworks.** The earliest of all. An ideal bedding type. Brilliant liquid-like red coloring, compact plants, and continuous flowering from May or June (from February or March sowings) until killing frosts. Fireworks is a development out of St. John's Fire, and has been reselected many years for earliness, so that all plants will start flowering when but 3 or 4 inches in height, and on much the same date. Plants will flower in flats, and there is no better sales attraction for the small plant grower than Fireworks. Growth is always dwarf and compact, uniform and trim. 12 inches in height and 20 inches in width ... 1/8 oz. \$1.65; 1/4 lb. \$30.00

Ⓜ **Fireball.** The best new early Salvia since St. John's Fire. An extra early, dwarf, compact Salvia about 6 inches tall, blooming 10 to 12 days earlier and growing about half the height of St. John's Fire. Extremely early flowering, very even growth, and the plants are literally covered with close-set spikes of bright scarlet flowers. This variety is the finest of the dwarf Salvias. Exceptionally fine for pots or early blooming in flats ... 1/8 oz. \$2.20; 1/4 lb. \$40.00

Ⓜ **St. John's Fire.** Blooms very early but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth and very uniform habit. 1/8 oz. \$1.65; 1/4 lb. \$30.00

Ⓜ **Harbinger (Firebrand).** Between St. John's Fire and America in earliness of flowering. Height 1 1/2 ft. Blooms continuously ... 1/2 oz. \$3.85; 1/4 lb. \$24.00

Ⓜ **America (Globe of Fire).** Of dwarf, bushy, compact growth, about 1 1/2 feet high, uniform in height and shape ... 1/4 lb. \$20.00

Ⓜ **Bonfire.** A new and improved strain. Shorter and more floriferous. Flowers 10 to 14 days earlier than regular strain. Compact growth. Medium tall, 24 inches ... 1/4 lb. \$17.50

**Splendens.** The old-fashioned tall variety with bright scarlet flowers ... 1/4 lb. \$15.00

## BLUE VARIETIES

The following varieties, while perennials, are best treated as annuals, and will flower very profusely during the summer months from seed sown in the spring.

**Blue Bedder.** A variety of Farinacea. Deep blue shade. Flowers from seed first year. ... 1/4 oz. \$1.25 .. \$0.50 \$4.00

Ⓜ **Royal Blue.** An improved strain of Farinacea. Deep blue flowers. We highly recommend this new blue Salvia ... 1/4 oz. \$1.50 .. .50 5.00





SALPIGLOSSIS, Emperor Mixed

## SALPIGLOSSIS - Painted Tongue

125,000 seeds per ounce.

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

**Emperor, Mixed.** Choice selection of large-flowering sorts.  
Tr. pkt. 25c; ¼ oz. 60c; oz. \$1.80.

## SCABIOSA - Mourning Bride TALL DOUBLE ANNUAL

3,500 seeds per ounce.

30 to 36 inches

⑩ **Blue Moon.** Deep lavender-blue.

**Loveliness.** Large flowered salmon-pink.

**Peach Blossom.** Attractive light rose.

**Salmon Beauty.** Pure salmon.

⑩ **Shasta Improved.** Enormous pure white.

⑩ **Imperial Giants Mixed.**

Each of the above: Tr. pkt. 30c; ¼ oz. 75c; oz. \$2.25.

**Giant Flowering Hybrids, Mixed.**

Tr. pkt. 25c; ¼ oz. 65c; oz. \$2.00.

## DWARF DOUBLE ANNUAL

18 inches

**Peace.** Pure white.

Tr. pkt. 25c; ¼ oz. 65c; oz. \$2.00.

⑩ Varieties preceded with this symbol are especially recommended.

## SCHIZANTHUS - Butterfly Flower

50,000 seeds per ounce

Tr. pkt. ⅛ oz. ¼ oz.

⑩ **Canada Giants.** An extra-select, large-flowered, compact greenhouse strain in splendid mixture \$0.85 \$2.25 \$4.00

**Dwarf Large-Flowering.** A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades .60 1.80 3.25

**Wisetonensis.** Various colors. Fine for pots  
Oz. \$4.00 .40 1.25

## SHAMROCK

38,000 seeds per ounce.

Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature.

**True Irish** Tr. pkt. 25c; oz. \$1.25; ¼ lb. \$4.00; lb. \$14.00.

## SOLANUM

9,000 seeds per ounce.

Trade pkt. ¼ oz. Oz.

**Ball Christmas Pepper.** Plants are compact with cone-shaped fruit. Colors changing through green, purple, and red \$0.50 \$1.50 \$4.75

**Cleveland Cherry** (Hlavacek's Masterpiece). Grows compact and produces scarlet berries in great profusion .50 1.25 3.75

**Red Fangs.** (New.) Dwarf compact plants with one inch slender fruits that change color from green directly to red .50 1.50 4.75

**Solanum Craigi Christmas Pepper.** Plants are compact with small leaves. Fruit stands above the foliage. Colors range from white to brilliant red. .50 1.50 4.75

## STATICE SINUATA - Everlasting Flower

375 seed heads per ounce.

Free-flowering, valuable for cutting or decoration, either when fresh or in their dried state.

⑩ **Heavenly Blue.** A bright clear sky-blue the color of Heavenly Blue Morning Glory. Sure to be popular, this new color provides a welcome relief from the standard prevailing Statice colors of lavender and dark blue.

**Market-Grower's Blue.**

**Kampf's Tall Improved.** Deepest blue. Early flowering.

⑩ **Sinuata, True Blue.**

**Lavender.**

⑩ **White.**

⑩ **Pastel Shades Mixed.**

**Yellow** (S. Bonduelli).

**Rosea superba.**

**Mixed.**

Each of the above: Tr. pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

**Suworowi.** Russian or Rat Tail. Flowers bright rose color.  
Tr. pkt. 30c; ¼ oz. \$1.00; oz. \$3.00.



STATICE SINUATA, Heavenly Blue

## Plants That Will Grow In the Shade

Alyssum

Tuberous Begonia

Pansies

Coleus

Gloxinias

Salvia

Exacum

Impatiens

Torenia

Fibrous Begonia

Lobelia

Caladiums





# Forcing Snapdragons

® Recommended varieties.  
2,000 seeds per trade packet.

F<sub>1</sub> Hybrids are followed by ®.

## WHITE

	Tr. Pkt.
<b>Albion</b> ® (Yoder Bros.) A pure white, larger spiked than White Knight, although 10-14 days later .....	\$3.50
<b>Apollo</b> ® (Yoder Bros.) Ivory-white with a yellow lip .....	3.50
® <b>Citation</b> ® (Yoder Bros.) An early ivory-white with clean, firm stems and long spikes .....	3.50
<b>Jet Pilot</b> ® (Yoder Bros.) Medium early pure white .....	3.50
® <b>Margaret</b> (J. S. Yoder.) A clean growing winter blooming ivory-white .....	2.00
<b>Maryland White Improved</b> ® (Winkler.) A mid-winter pure white ..... ½ tr. pkt. \$2.00 ..	3.50
<b>Rockwood's Hybrid White No. 5</b> ® Fall and early winter blooming white .....	3.50
® <b>Snowman</b> ® A pure white with no suggestion of ivory .....	3.50
® <b>Spartan White</b> ® (Michigan State College.) Clean growing pure white, a good producer .....	3.00
® <b>Twenty Grand</b> ® (Yoder Bros.) Medium winter flowering ivory-white, a good keeper .....	3.50
® <b>White Knight Hybrid</b> ® An early pure white .....	3.50

## YELLOW

<b>Broker's Tip</b> ® A deep yellow with medium sized florets. Clean grower .....	3.50
<b>Ethel</b> . Winter blooming medium yellow .....	1.50
® <b>Gold Mine</b> ® (Pan American.) Early deep gold-yellow, slightly fringed ..... ½ tr. pkt. \$1.75 ..	3.00
® <b>Golden Spike</b> ® A rich golden yellow with long stems and flower spikes. Winter blooming .....	3.50
<b>Gold Rush</b> ® (Winkler.) Large flowering medium yellow. .... ½ tr. pkt. \$2.00 ..	3.50
® <b>Patricia</b> ® (J. S. Yoder.) A rich yellow with full deep yellow lower lip. Recommended for winter blooming and cloth house culture ..... ½ tr. pkt. \$2.00 ..	3.50
<b>Rockwood's Hybrid Yellow No. 10</b> ® A deep yellow .....	3.50
<b>Rockwood's Winter Yellow</b> . A deep yellow for mid-winter flowering .....	3.50
<b>Seabiscuit</b> ® (Yoder Bros.) A vigorous and tall growing clear yellow. Somewhat later than War Admiral .....	3.50
<b>Swaps</b> ® (Yoder Bros.) New winter flowering yellow. Earlier than War Admiral. Tolerant of low temperature. Optimum 46° .....	3.50
® <b>War Admiral</b> ® (Yoder Bros.) An excellent winter flowering yellow hybrid .....	3.50

## BRONZE

® <b>Barbara</b> ® (J. S. Yoder.) Early large bronze with pink throat and bright bronze lip ..... ½ tr. pkt. \$2.00 ..	3.50
® <b>Cavalcade</b> ® (Yoder Bros.) Lively golden bronze .....	3.50
<b>Gallant Fox</b> ® (Yoder Bros.) An early deep orange-bronze similar to Lady Dorothy .....	3.50
<b>Maryland Orange</b> ® (Winkler.) A tall vigorous midseason orange-bronze, lighter than Barbara .....	3.50
<b>Talisman</b> . (Windmill.) Double. Early and continuous bronze, true to type and color .....	2.00

## LIGHT PINK

	Tr. Pkt.
<b>Chevy Chase Pink</b> ® (Winkler.) A pastel pink a shade darker than Maryland Pink. Shatter-proof ..... ½ tr. pkt. \$2.00 ..	\$3.50
<b>Christina</b> ® (J. S. Yoder.) Popular light rose-pink .....	3.50
<b>Crusader</b> ® (Yoder Bros.) Brilliant rose-pink .....	3.50
<b>Gusto</b> ® (Yoder Bros.) Bright rose-pink, somewhat deeper than Mary Ellen. Florets held close to spike. Ruffled hood .....	3.50
<b>Hercules</b> ® Good light pink for spring cut, similar to Christina .....	3.50
® <b>Mary Ellen</b> ® (J. S. Yoder.) A light rose-pink similar to Rosebud. Clean growing with long flower spikes .....	2.50
<b>Maryland Pink Improved</b> ® (Winkler.) Mid-winter pastel pink ..... ½ tr. pkt. \$2.00 ..	3.50
<b>Mountain Pink</b> ® (Pan American.) Medium pink color .....	3.00
<b>Nashua</b> ® (Yoder Bros.) New light rose-pink. Ten days to two weeks earlier than Rosebud. Recommended for January through March. Optimum temperature 46° .....	3.50
® <b>Native Dancer</b> ® (Yoder Bros.) Light pink, similar to Christina. Clean grower .....	3.50
® <b>Rebecca</b> ® (J. S. Yoder.) New. Medium pink similar to Christina, however, earlier and more vigorous .....	3.50
<b>Rockwood's Early Hybrid Pink</b> ® Pastel pink .....	3.50
® <b>Rosebud</b> ® (Yoder Bros.) Soft pastel pink, a shade lighter than Christina. Recommended for December through April .....	3.50
<b>Star Charter</b> . (Yoder Bros.) A medium rose-pink, recommended for spring cut .....	3.50
® <b>Top Flight</b> ® (Yoder Bros.) Light pink similar to Christina, but earlier .....	3.50
<b>Trilbee Pink</b> ® (Windmill.) Rich pastel pink, recommended grown single stem for mid-January .....	3.50
<b>Whirlaway</b> ® (Yoder Bros.) Light pink with a yellow lip ....	3.50
<b>Wintergreen</b> ® (Yoder Bros.) A clean growing bright rose-pink .....	3.50

## DARKER PINK and ROSE

® <b>Anne Marie</b> ® (J. S. Yoder.) A clean medium pink for late flowering .....	3.50
<b>Better Times</b> ® (Windmill.) Mid-winter blooming cerise-rose, darker than Christmas Cheer .....	2.00
<b>Christmas Cheer</b> ® (Windmill.) Extra early rose-pink, recommended for pinched crop ..... ½ tr. pkt. \$1.75 ..	3.00
® <b>Libby</b> ® (J. S. Yoder.) Dark rose-pink. Flowers after Mary Ellen ..... ½ tr. pkt. \$2.00 ..	3.50
® <b>Maryland Flamingo</b> ® A new color. Bright salmon-rose. Shatter resistant .....	3.50
® <b>New Times</b> ® (Pan American.) Bright deep rose, medium long spikes with clean, firm stems .....	3.00
<b>Pamela Pink</b> ® (Gilbert.) Early winter flowering medium pink. .... ½ tr. pkt. \$1.75 ..	3.00
<b>Pensive</b> ® (Yoder Bros.) A dark pink, coming in after Christmas Cheer. Strong, clean stems .....	3.50
<b>Pompey</b> ® (Yoder Bros.) Rose-pink, vigorous and uniform ...	3.50
<b>Rowena</b> ® (Yoder Bros.) A light rose-pink with medium to long spikes .....	3.50
<b>Spartan Rose</b> ® (Michigan State College.) Medium deep rose with long heavy spikes .....	3.00



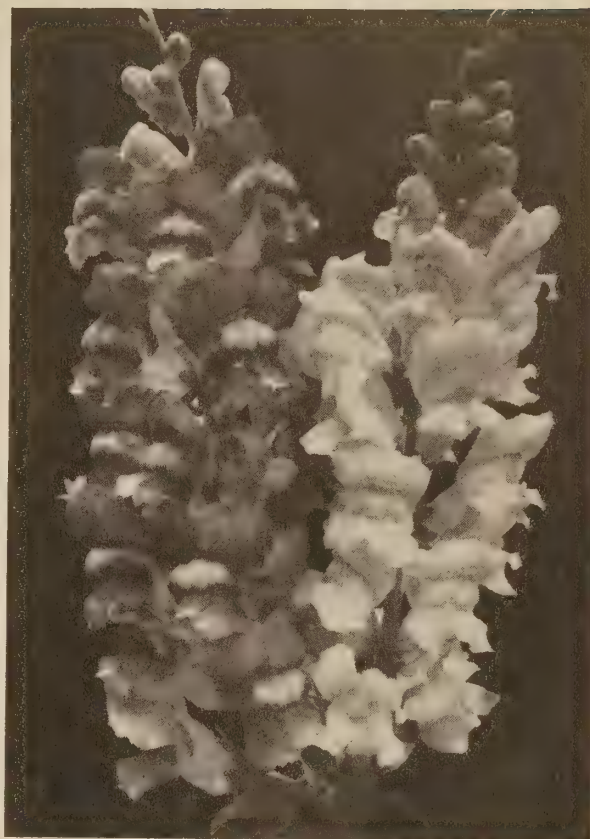
# For All Seasons of the Year

## CRIMSON and RED

	Tr. pkt.
<b>Commando.</b> ® (Yoder Bros.) A good red Hybrid Snap .....	\$3.50
® <b>Cherokee.</b> ® A good scarlet-red with a yellow lip. Winter or spring flowering .....	3.50
<b>Man-O-War.</b> ® (Yoder Bros.) A copper-red with a yellow lip, earlier than Navajo. Recommended for mid-winter .....	3.50
<b>Maryland Red.</b> ® (Winkler.) An early bright red, slightly lighter than Navajo .....	3.50
® <b>Navajo.</b> ® A good red, florets of large size on extra long spikes. ....	3.50
<b>Priscilla Ann.</b> ® (J. S. Yoder.) A velvety crimson with a yellow lip .....	1/2 tr. pkt. \$2.00 3.50
<b>Red Wing.</b> ® (Pan American.) Deep velvety red .....	3.00
® <b>Rockwood's Hybrid Red No. 15.</b> ® An early dark red .....	3.50

## LAVENDER and LILAC

® <b>Bold Venture.</b> ® (Yoder Bros.) A rich lavender, early and uniform with a hard stem .....	3.50
<b>Lavender Rose.</b> (Rockwood.) Early lavender and rose .....	3.50
<b>Windmill's Lilac.</b> Excellent orchid, true to type and color. Hard, clean grower .....	2.00
® <b>Lavender Lady.</b> ® Deep lavender. Strong stems and spikes ...	3.50



Man-O-War and Patricia

## Summer Flowering Snaps

Many commercial growers are becoming aware of the fact that summer Snaps are a very profitable crop. The bench time that is involved will vary from 9 to 14 weeks depending on the time of the year. The crop is grown single stem at a 4x4 spacing with NO SHADE ON THE GLASS. In the early spring a minimum temperature of 60° should be maintained. The following schedule is recommended.

SOW	February 4	April 8	May 20	June 17
BENCH	March 11	May 6	June 17	July 15
FLOWER	June 17	July 15	August 19	September 16

### WHITE

	Tr. pkt.
<b>Potomac White.</b> ® Summer flowering only .....	\$3.50
<b>Rockwood's Crystal White</b> .....	3.00
® <b>Crystal White.</b> (Yoder Strain A.) New. Taller and more uniform than Rockwood Crystal White. Spike is compact and shatter resistant .....	3.50
® <b>White Skies.</b> ® (Yoder Bros.) New. A summer White Knight that is shatterproof, tall, and vigorous. Produces a high percentage of long spikes with long tapering tip-buds .....	3.50

### YELLOW

<b>Potomac Yellow.</b> ® (Winkler.) Golden yellow for summer flowering .....	3.50
<b>Rockwood's Summer Yellow.</b> A fairly deep yellow .....	3.00
® <b>Dark Star.</b> ® (Yoder Bros.) New. Has good uniformity and vigor. Five to seven days earlier than Rockwood's Summer Yellow. Shatter resistant .....	3.50

During the period of late June, July, Aug. and early Sept. the Rockwood varieties are best suited. For late spring and early fall flowering, the newer varieties are recommended.

### PINK

	Tr. pkt.
<b>Potomac Pink.</b> ® (Winkler.) Good summer flowering pink ....	\$3.50
<b>Rockwood's Summer Pink No. 1.</b> Medium pink .....	3.00
<b>Rockwood's Pink Supreme.</b> Dark pink .....	2.00
® <b>Summer Jewel.</b> ® (Yoder Bros.) New. The variety is darker than Rockwood's Summer Pink. Has good vigor, uniformity, stem strength, and spike length. Shatterproof .....	3.50
® <b>Gay Time.</b> ® (Yoder Bros.) New. A vigorous and uniform variety 7 to 14 days earlier than Rockwood's Summer Pink .....	3.50

### BRONZE

® <b>Rockwood's Summer Bronze.</b> For summer cut only .....	3.00
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### RED

® <b>Rockwood's Summer Red.</b> Late spring and summer only ....	3.00
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SNAP Flowering Chart on page 31.



# Tips on Forcing Snapdragons

The profitable year around production of Snapdragons is the result of the new hybrid varieties that have been developed, plus the time and labor saving single stem method of production. Snaps can now be timed and grown the year around, the same as Mums. Many of the present winter flowering varieties are at their peak when used in the spring program. Conversely, many of the spring varieties can be used in the winter program if the higher temperatures and longer timing conditions are provided. The summer varieties require the high temperatures for maximum performance. The following are a few of the important factors to be considered when planning your Snap crop.

## SOIL

Snaps can be grown in a wide variety of soils. One that is well drained and contains about 1/4 peat by volume is most satisfactory. At least once a year the soil should be steam sterilized to insure against the spreading of disease. All pots, flats and tools should be sterilized. Before planting add three to four pounds of super phosphate per 100 square feet of bench space. Additional fertilizer should be added as the soil test indicates.

## SEED GERMINATION

Snap seeds germinate satisfactorily in peat, a peat and soil mixture, or vermiculite. Seeds may be broadcast or sown in rows and should have no additional soil covering. The latter method of sowing in rows is most preferred as it provides better control for "damping off" organisms, plus good aeration for the plants. The most satisfactory method of watering is by soaking. The seed flats are immersed in a pan of water and allowed to become thoroughly wet. Good seed flat drainage is a "must." Subsequent water requirements should be applied by the same method. Seeds should germinate in seven days from sowing. A temperature of 60 degrees during germination is preferred.

## BENCHING

Direct benching is the most economical since it reduces labor, saves time, and prevents hardening of plants. During the hot summer months the soil should be moist at the time of planting and the plants misted frequently until new root growth is started. The recommended spacings are 4 x 4, 4 x 5 or 3 x 6 during the winter months, with a 3 x 5 spacing for summer crops. The recommended spacing for pinched crops is 6 x 8. If the crop is to be pinched, it is best to wait until plants have been benched and taken hold. Usually three pairs of leaves are left after the pinch. For best results do not pinch summer Snaps.

## TEMPERATURE

A strict control of temperature will govern the accuracy in crop timing and the success of the crop. The following varieties will produce high quality flowers most efficiently during winter months when given night temperatures of 46°.

Albion	Commando	Man-O-War	Rowenna	Top Flight	Wintergreen
Bold Venture	Crusader	Nashua	Rose Bud	War Admiral	
Cavalcade	Gallant Fox	Pensive	Sea Biscuit	White Knight	
Citation	Jet Pilot	Pompey	Swaps	Whirlaway	

These four varieties produce most efficiently when grown at night temperatures of 50°:

Apollo	Native Dancer
Broker's Tip	Twenty Grand

The following temperatures can be used for most varieties to produce top quality Snaps:

Sunny days	55-60 degrees	Nights	50 degrees
Cloudy days	48-50 degrees	Nights	48-50 degrees

**NOTE:** Glass should not be shaded from April through September when growing summer Snaps. Summer varieties are bred to produce most efficiently in the temperatures that are prevalent during the hot summer months.

## Sowing Dates

The following schedules are subject to changes due to local and regional conditions. See chart on opposite page.

### Single Stem Method

This method becomes more popular every year, the main reason being that it flowers two to three weeks sooner than the pinched crops.

Sow	Flower
July 10	October 15
July 25	November 15
August 5	December 15
August 15	January 15
September 5	February 15
September 20	March 15
October 20	April 15
December 20	May 15
February 5	June 15
April 1	July 15
May 10	August 15
June 10	September 15

### Pinched Crops

Plants should be benched and be six to eight inches in height before pinching. Pinch to leave three pairs of leaves.

Sow	Flower
July 20	Mid-December
August 1	Mid-January
August 20	Mid-February
September 5	Early March
September 25	Early April
November 20	Mid-May

Approximate number of plants required for various spacings.

Method of Culture	Plants per 100 sq. ft. of bench space
Single Stem	800 plants
Single Stem	570 plants
Pinched Crop	300 plants
Pinched Crop	260 plants



Citation



# Snap Flowering Chart

## NOVEMBER - DECEMBER FLOWERING

<b>White</b> White Knight Albion Rockwood Hybrid White No. 5 Citation	<b>Yellow</b> War Admiral Sea Biscuit Broker's Tip Rockwood Hybrid Yellow No. 10	<b>Bronze</b> Sun Briar Sunglow Talisman Barbara	<b>Light Pink</b> Rockwood Early Hybrid Pink Wintergreen Rosebud Gusto Mt. Pink Native Dancer	<b>Dark Red</b> Rowenna Christmas Cheer New Times Rockwood Pink Supreme	<b>Red</b> Commando Cherokee Man-O-War Md. Red Red Wing Rockwood Hybrid Red No. 15	<b>Lavender</b> Bold Venture
--	---	--	--	--	---	---------------------------------

## JANUARY - APRIL FLOWERING

Snowman Apollo Citation Margaret Imp. Md. White Twenty Grand Albion Spartan White Jet Pilot White Knight	Golden Spike Brokers Tip Ethel Gold Rush Patricia Sea Biscuit War Admiral Gold Mine Swaps	Barbara Cavalcade Gallant Fox	Nashua Christina Mixed Mary Ellen Top Flight Md. Pink Imp. Rosebud Wintergreen Crusader Whirlaway Chevy Chase Native Dancer Rebecca	Pamela Pink Better Times Libby Pensive Spartan Rose Rowenna	Cherokee Priscilla Ann Navajo Commando Man-O-War Md. Orange	Bold Venture Windmillers Lilac Lavender Lady
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## MARCH - MAY FLOWERING

Rockwood Crystal White Albion Citation Apollo Twenty Grand	War Admiral Sea Biscuit Brokers Tip	Gallant Fox Cavalcade	Wintergreen Top Flight Rosebud Trilbee Pink Anne Marie Star Charter Hercules Native Dancer Rebecca	Pompey	Navajo	Lavender Lady
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## JUNE - SEPTEMBER FLOWERING

Rockwood White Potomac White Crystal White (Yoder strain A)	Rockwood Sum- mer Yellow Potomac Yellow Dark Star	Rockwood Sum- mer Bronze	Potomac Pink	Rockwood Sum- mer Pink No. 1 Rockwood Pink Supreme Summer Jewel	Rockwood Sum- mer Red	Rockwood Lavender Rose
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## Winter Sowing Dates for Miscellaneous Varieties

The following sowing dates are all approximations that will vary with the different localities. We are presenting this as an aid for you so that when placing your order items are not accidentally overlooked which may cost you the loss of future sales. Check these lists before ordering.

### Bedding Plants:

A mid-December sowing of Double, Giant and Fringed Petunias will produce nice 3's by the first of May. An early Jan. sowing will produce 3's for late May. F<sub>1</sub> Hybrids and other bedding annuals for flat, and pak sales may be sown late Feb. through mid-April for May sales.

### BEDDING PLANT TROUBLES?

Check These Points:

#### Germination Failures:

- Lack of uniform moisture.
- Cold soil temperatures.
- Constant high temperature and poor light after germination encourages weak growth and possibility of "damping off."

#### Seedling and Transplant Failures:

- Soil low in organic matter, hard and poorly aerated.
- Using hardened seedlings.
- Diseases in the soil.
- Low night temperatures.
- Insects.
- Soil fertility unbalanced.

### Sow

### Blooming

Candytuft	Late Nov. to Mid-Jan.	April thru Decoration Day. 45°
Centaurea	Jan.	May
Christmas Cherry	Jan.-Feb.	Christmas, 1959. 4-6 in. pots
Christmas Pepper	April	Christmas, 1959. 5-6 in. pots.
Clarkia	Jan.	Late April. Grow at 50°.
Gloxinia	Mid-Dec.	Late May.
Gypsophila	Dec. on	March on. Three months from seed to flower.
Impatiens	Jan.	May, 2 1/4-3 in.
Kalanchoe	Jan.	Christmas, 1959. 5 in., 60°. Shade Sept. 1-21. Light Sept. 21 to flower.
Lupine	Nov. thru Jan.	April-May. 50°.
Matricaria	Nov. thru Dec.	May-June.
Perennials (Field clumps)	Mar. thru May	Field clumps, 1960.
Salvia (Dwarf varieties)	Feb.	3 in. May.
Shamrock	Dec. 1	March 17.
Statice (annual)	March	July.
Stocks	Aug. to Feb. 10	Jan. thru June. 50°.



# Michell's Outdoor Snapdragons

180,000 seeds per ounce.

In growing *Antirrhinum* for outdoor cutting or to produce bedding plants, always use the rust-proof types. Seed should be started early in sterilized flats—later on into pots for bedding plants or transplant into the open for cut flowers. We recommend the Semi-Dwarf types for pots and the taller types for cutting.

## ® PANORAMA F-2 SNAPDRAGONS

### Pan-American Rust Resistant Strain

A new strain of hybrid Snaps that were bred to increase the vigor of present varieties. These plants produce from 6 to 8 base branching stems of long flower spikes with large florets. This strain is very uniform and will reach a height of 3½ to 4 feet. Excellent for cutting.

**Panorama Crimson.** A velvety crimson-red with heavy stems and spikes.

**Panorama White.** A pure white. Large well-formed flowers on long tapering stems.

**Panorama Rose-Pink.** Deep rich rose.

**Panorama Yellow.** Brilliant golden yellow.

**Panorama Formula Mixed.** An outstanding blended mix of colors including carmine-red, rose, lavender, yellow, and white. Recommended for cutting.

Each of above: Tr. pkt. \$1.00; ¼ oz. \$3.00; oz. \$9.00.

## ® MARDI GRAS

An F<sub>2</sub> mixture with an extremely wide color range and extra vigor; florets are closely placed on long blooming stems. Plants are uniform in habit and will produce early blooms. See illustration on back cover.

Tr. pkt. 60c; ¼ oz. \$1.50; oz. \$5.00.

## GIANT RUFFLED TETRA—26 Inches

Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower spikes.

⑩ **Candlelight.** Very fine bright yellow large florets are well spaced on long tapering spikes.

⑩ **Orchid.** Rich orchid-purple with yellow blotch. Large florets and a strong grower.

⑩ **Pink Shades.** Light to deep rose-pink. Free branching with one large spike per plant, up to 30 inches tall and having a 16-inch span of ruffled florets.

⑩ **Sunset Hybrids.** A most attractive color range of primrose through terra cotta to deep amber-pink—both bicolors and solids. Base branching habit with 8 to 10 stems per plant averaging 22 inches tall. Large florets are closely spaced and cover 9 inches on a spike.

⑩ **White.** Creamy white changing to pure white with primrose throat which adds to the attractiveness of the flower. Large well-formed flowers.

Each of the above: Tr. pkt. 60c; ⅛ oz. \$1.50; ¼ oz. \$2.75; oz. \$8.25.

**Choice Mixture.** Tr. pkt. 50c; ⅛ oz. \$1.25; ¼ oz. \$2.25; oz. \$6.75.

## DWARF VARIETIES

⑩ **Magic Carpet.** A distinct and very dwarf type. Compact and free flowering. Suitable for rockery or borders. We offer a fine mixture of many colors. 4 to 6 inches.

Tr. pkt. 50c; ⅛ oz. 85c; ¼ oz. \$1.50.

⑩ **Tom Thumb.** A very popular dwarf upright type. Base branching and very free flowering. Excellent for pots or borders. Choice mixture. 6 to 8 inches.

Tr. pkt. 40c; ¼ oz. 85c; oz. \$3.00.



ANTIRRHINUM, Tetra Mixture

## ® CANONNIER

A bright flame-red Snap. Ideal for bedding. Semi-dwarf plants about 8 inches tall. A very striking novelty Snap.

Tr. pkt. 60c; ¼ oz. \$1.50; oz. \$5.00.

## RUST RESISTANT VARIETIES

### MAXIMUM or SUPER GIANTS—3 ft.

This excellent type of Snapdragon is one of the finest large flowering varieties. Plants are medium tall with strong flower spikes, large florets, evenly spiked. Excellent for cutting.

**Canary Bird.** Brilliant canary-yellow.

**Copper King.** Bronze or copper-scarlet. Fine variety.

**Crimson.** Color pure crimson, overlaying a ground of orange.

**Daffodil.** Two-toned daffodil-yellow.

**Loveliness.** Most attractive pure rose-pink.

**Michell's Cherry Queen.** Brilliant cerise-rose. This is an excellent cutting variety.

⑩ **Rosalie.** Deep rich rose, tube and lip the same color.

**Shasta (Alaska).** Pure white. Very early.

⑩ **Velvet Giant.** The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base-branching, with 6 to 12 spikes to a plant.

⑩ **University of California Mixture.**

All above varieties: Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

### SUPER MAJESTIC—20 inches

A medium tall class of base branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

**Superb Super Majestic Mixture.**

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.



16,000 seeds per ounce.

Stocks are easily grown and profitable. The soil and benches should be thoroughly sterilized before planting the crop. The method of sowing the seed directly into the bench and later thinning out or transplanting to flats are both employed successfully. Seedlings can be started in October and follow through for succession crops up to about February 15. Sowing made after this date has a tendency to become blind. A 3x6 spacing with night temperatures of 50° maximum will insure production of high quality flowers.



STOCK, Giant Column

## MISCELLANEOUS VARIETIES

- Ⓜ **Ball Apricot No. 20.** A strong growing buff with a faint pink tinge.
- Yellow Wonder (Gold Standard).** The color is rich creamy yellow.
- Florist Mixture.**

Each of the above Column Stocks: ½ tr. pkt. 75c; tr. pkt. \$1.25; ¼ oz. \$2.75; oz. \$10.00.

## TRYSONIC GIANT IMPERIAL BRANCHING TYPE

The Trysonic Stock offered produces 85% or more double flowering plants when sown from seed. In addition to this desirable trait, the percentage of any planting can be increased up to 100% at the four-leaf seedling stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

- Ⓜ **Bright Rose**
- Ⓜ **Fiery Red**
- Ⓜ **White**
- Ⓜ **Lilac-Lavender**
- Ⓜ **Salmon-Pink**
- Ⓜ **Azure-Blue**

### Choice Mixed

Each of the above; ½ tr. pkt. \$1.00; tr. pkt. \$1.75;  
¼ oz. \$2.90; ¼ oz. \$5.00; oz. \$18.00.

## GIANT COLUMN, NON-BRANCHING

This type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together.

## LAVENDER, BLUE and PURPLE

- Ⓜ **Silver Lilac.** (Ball No. 1.) Lilac-lavender.
- Ball Blue No. 3.** Rich dark lilac-blue.
- Ⓜ **Purple Heart No. 21.** New brilliant violet-purple; large flowering; long stemmed.

## PINK, ROSE and RED

- Pacific Pink.** This is the first pure true pink Stock developed. Does well under artificial lights. Excellent for spring flowering.
- Ⓜ **Ball Pink No. 11.** Fine clear rose-pink.
- Ball Rose-Pink No. 14.** Deeper than No. 11. Strong grower.
- Ⓜ **Ball Supreme No. 22.** Fine heavy spikes of rich silvery rose.
- Chamois Pink.** (Ball No. 9.) Chamois-pink.
- Illusion.** (Ball Ruby.) Scarlet-red.

## WHITE

- Ⓜ **White Giant.** A new and outstanding white non-branching Stock a week or ten days earlier. The extra large florets are a pure glistening white on a tremendous flower spike.
- Avalanche** is definitely the earliest of all White Column Stocks. The flower spike is particularly long and massive with very double individual florets.
- Ball White No. 2.** Long-stemmed white, slight pink blush.
- Ⓜ **Ball White No. 16.** Pure white; semi-tall, compact grower.
- Gardenia.** Shimmering glistening white.



# STOCKS



MICHELL'S GIANT COLUMN STOCKS

## GIANTS OF CALIFORNIA

Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of Column Stock, approximately 2½ to 3 feet.

**Choice Mixture.** Yellow, Pink, Rose, Red, Lavender, Purple, Light Blue, Chamois, and White.

½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

## EARLY GIANT IMPROVED BISMARCK

An especially good class of branching habit. Very early bloomer producing a very high percentage of doubles. Suitable for greenhouse culture or growing out-of-doors. Height 2½ ft.

**Canary-Yellow (Golden Ball).** **Lilac.**  
**Chamois.** Ivory, tinted old-rose. **Rose-Pink.**  
**Elk's Pride.** Intense royal purple. **White.**  
**Fiery Blood-Red.** Extra fine. **Mixed Colors.**

Each of the above: ½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

## EARLY-FLOWERING "NICE"

Choice Mixed. All colors.

½ trade pkt. 30c; trade pkt. 50c; oz. \$2.25.

## LARGE-FLOWERING DWARF TEN WEEKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

**Blood-Red.** **Pink.** **Yellow.**  
**Dark Blue.** **White.** **Mixed.**  
**Light Blue.**

Each of the above: ½ tr. pkt. 25c; tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

## STREPTOCARPUS

750,000 seeds per ounce.

® "Wiesmoor" Hybrids

Result of 20 years breeding. The formula mixture contains 18 distinct colors and bicolors, veined and blotched designs. Very free blooming. Seedlings of 6 to 8 months produce 15 to 25 wiry stems at a time, each bearing several flowers (many fours). Flowers very large, most daintily fringed and waved.

This excellent new Streptocarpus requires a temperature of 55 to 60 degrees to develop excellent pot plants, also most attractive Orchid-like cut flowers. Originator importers trade pkts. \$1.25; 3 pkts. \$3.25.



THUNBERGIA

## THUNBERGIA - Black-Eyed Susan

1,200 seeds per ounce.

A very useful vine for baskets, vases, etc.

	Tr. pkt.	¼ oz.	Oz.
Mixed	\$0.35	\$0.60	\$1.80

## TITHONIA

3,500 seeds per ounce.

Trade pkt. Oz.

® **TORCH.** All-America Silver Medal Winner. Torch is good. And Torch is easy. Heat?—Thrives on it. Pests or diseases?—None whatsoever. Anybody who can grow Zinnias can have loads of brilliant orange-scarlet, 4-inch cutting flowers like single Dahlias by midsummer on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South

¼ oz. \$1.50..\$0.40 \$4.50

## TORENIA

375,000 seeds per ounce.

Excellent for bedding, also for baskets, window boxes, etc.

	Tr. pkt.	⅛ oz.	¼ oz.
<b>Fournieri compacta.</b> Dwarf. Blue. 8 in.	\$0.50	\$1.25	\$2.25
<b>Fournieri grandiflora.</b> Blue.....	.50	1.25	2.25



TITHONIA, Torch

® Varieties preceded with this symbol are especially recommended.



# Michell's

## Sweet Peas

350 seeds per ounce.

### Winter-Flowering Giant Spencer

#### LAVENDER AND BLUE

- Eleanor Blue.** Light blue with silvery sheen.
- ⑩ **Fragrance.** Clear lavender flowers; large, beautifully frilled.
- Harmony.** A beautiful clear lavender.
- Mrs. Herbert Hoover.** Flowers are clear blue; long stems.
- Top Hat.** Deep bright violet.
- ⑩ **Triumph.** A beautiful clear shade of soft lilac-mauve.
- Twilight.** Good, long-stemmed, large flowering, lavender variety.

#### ORANGE AND RED

- Ball Orange Improved.** Deep glowing orange.
- Fiesta.** Finest orange-red early Sweet Pea.
- Forest Fire.** (Michell.) Giant bright orange-scarlet, duplexed flowers
- Gorgeous.** (Michell.) A glistening golden cerise.
- ⑩ **Top Sergeant.** (Michell.) A deep blood-red crimson.
- ⑩ **Treasure Island.** Sparkling golden orange; flowers are huge.

#### PINK, ROSE AND SALMON

- Ball Rose Improved.** Sparkling deep rose.
- ⑩ **Bridesmaid.** Sparkling silver-pink.
- Eileen.** Begonia-rose, with salmon shadings.
- Giant Rose.** Rose color. Extra-fine variety.
- ⑩ **Laddie Improved.** Giant bright rose on long stems.

#### WHITE

- Hope.** The finest black seeded pure white.
- ⑩ **White Champion.** Long-stemmed; pure white. White seeded.
- White Harmony.** A black-seeded variety. Large, pure paper-white.

Any of the Winter-Flowering Giant Spencers: ½ oz. 35c; oz. 60c;  
¼ lb. \$1.65; lb. \$6.00.

#### MIXED COLORS

- ⑩ **Michell's Winter-Flowering Spencer, Mixed.** From named sorts.  
Oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

### Spring Flowering

#### CUTHBERTSON STRAIN

For greenhouse sowing between October and February, this strain is superior to the early or winter class.

- Coline.** Vivid, intense scarlet.
- ⑩ **Evelyn.** Extra strong stemmed. Soft salmon-pink.
- Frank G.** Fine soft rosy lavender.
- Helen.** Blush-pink on white ground.
- ⑩ **Janet.** Large frilled flowers of pure white.
- ⑩ **Jessie.** Soft violet-mauve.
- Kenneth.** Rich deep crimson.
- Lois.** Similar in color to Ball Rose Queen in the winter class.
- Tommy.** A clear mid-blue.
- ⑩ **Mixture.** A well balanced mixture of the above colors.  
Any of the above, ½ oz. 35c; oz. 55c; ¼ lb. \$1.65; lb. \$5.00.

### Summer-Flowering Giant Spencer

#### LAVENDER

- ⑩ **King Lavender.** Fine, clear lavender. Excellent variety.

#### PINK, ROSE AND SALMON

- Maytime.** Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.
- Salmon Gigantic.** Giant salmon-pink.
- ⑩ **Pinkie.** Rose-pink. Extra-large flowers.

#### RED

- ⑩ **Huntsman.** Bright scarlet.
- Welcome.** Giant flower. Brilliant sun-proof scarlet.

#### WHITE AND CREAM

- ⑩ **Cream Gigantic.** Largest cream, black-seeded.
- Gigantic.** Black-seeded white, extra-large, wavy flowers.
- King White.** Extra large. Pure white.  
Each of the above, oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

### SWEET PEAS IN MIXTURE

- ⑩ **Michell's Superb Spencer.** Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades.  
Oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

#### LITTLE SWEETHEART

Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the large ruffled Spencer type. Flower early and continue in bloom for a long period. Adaptable for border, bedding, or pot plant culture. ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.



SWEET PEAS—  
Cuthbertson Strain

**PLEASE NOTE.** The pound rate will apply only where ½ pound or more of a variety is ordered.

#### ⑩ Zvolanek's Multi-Flowered

This is definitely the newest thing in greenhouse Sweet Peas. This type is unusually free-flowering and the exceptional stem length carries five to six flowers instead of the usual three and four. Sweet Pea growers can readily appreciate what this will mean in better market returns over a period of a few weeks of picking. We strongly recommend them where long stems and premium quality are wanted.

**Orange-Cerise.** Large flowered brilliant orange.

**Orchid-Lavender.** Shade close to twilight; large blooms on long stems.

**Rose.** Extra large medium rose flowers with many 5's on extra long, heavy stems. Vigorous growth.

**Salmon-Pink.** Large, medium rose-pink flowers with salmon cast. 4's and 5's. Stems are extra long, but not as heavy as the above varieties.

**Whirlwind.** Probably the finest of the new Multi-flowered type. Extra large, light rose flowers are borne in 5's and 6's on extremely heavy 14- to 16-inch stems. Growth is very vigorous and strong.

**White.** Pure white. Many 5's on long, strong stems. Very promising.

**Mixed.**

Prices above varieties, each: ½ oz. \$1.10;  
1 oz. \$2.00; 4 ozs. \$6.00; 1 lb. \$18.50.



2,800 to 4,600 seeds per ounce.

Zinnias are native to warm temperatures and seed should not be sown until the ground and air temperature is warm. If sown too early in a cool house or in damp soil the seed may rot—65 to 70 degrees would be considered a safe minimum for satisfactory germination.

With their beautiful, vivid and varied colors Zinnias have always been popular as a bedding plant and for cut-flower material. For bedding sales sow only 4 to 6 weeks ahead of sales.



ZINNIA, California Giant

## CALIFORNIA GIANT

This class makes fine cut flowers, especially for florists as they can be forced nicely in the greenhouse. These are larger than the giant Robusta and are a cross between them and the Dahlia-Flowered type. Flowers large and flat with long stems, making an excellent cut flower for the florist. Grow 2½ to 3 feet.

- |  |                                       |
|--|---------------------------------------|
| <b>Brightness.</b> Deep rose.  | <b>Lavender Queen.</b> Rosy lavender. |
| <b>Cerise Queen.</b> Orange-rose.  | <b>Miss Willmott.</b> Soft pink.      |
| <b>Daffodil.</b> Canary-yellow.  | <b>Orange Queen.</b> Golden orange.   |
| <b>Enchantress.</b> Bright rose.   | <b>Pastel Shades.</b>                 |
| <b>Golden Queen.</b> Golden yellow.  | <b>Purity.</b> Best white.            |
| <b>Grenadier.</b> Dark red.  | <b>Salmon Queen.</b> Salmon-rose.     |
| <b>Isabellina.</b> The flowers of this strain are a soft, creamy yellow. A most desirable shade for the florist. We offer a selected, carefully rogued strain. | <b>Scarlet Queen.</b> Deep scarlet.   |
|  | <b>Violet Queen.</b> Purple.          |
|  | <b>Finest Mixed.</b>                  |

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

## DWARF DOUBLE-FLOWERING

These grow about 2 feet high and are excellent for bedding as well as for cutting.

- |                                |                                   |
|--------------------------------|-----------------------------------|
| <b>Crimson.</b>                | <b>Scarlet.</b>                   |
| <b>Pink (Flesh).</b>           | <b>Spun Gold (Butter-Yellow).</b> |
| <b>Pinkie.</b> Deep rose-pink. | <b>Yellow (Golden Orange).</b>    |
| <b>Salmon-Rose.</b>            | <b>White.</b>                     |
|                                | <b>Mixed.</b>                     |

Each of the above: Tr. pkt. 30c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

## GIANT DAHLIA-FLOWERED

**Bodger's Original Gold Medal Strain**

Plants medium height, 2½-3 feet, bearing on strong stems huge fully double flowers resembling the show type of Dahlia. The blooms are distinct from the ordinary giant-flowered class, being extra large and fully double. Our list comprises the most popular varieties.

- Buttercup.** Deep creamy yellow.
- Crimson Giant.**
- Dream.** Deep lavender, turning to purple.
- Exquisite.** Light rose, center deep rose.
- Golden Dawn.** Bright golden yellow.
- Golden State.** Orange-yellow.
- Luminosa.** New shade of clear bright pink.
- Oriole.** Orange and gold.
- Polar Bear.** Pure white.
- Royal Purple.** True velvety purple.

**Scarlet Flame** (Will Rogers). Bright scarlet and orange.

**Gold Medal Hybrids Mixed.**

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.



ZINNIA, Fantasy

## FANTASY or CHRYSANTHEMUM-FLOWERED

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

**Floradale Scarlet.** A new kind of Zinnia. Giant, scarlet-red flowers with beautiful, long, ruffled petals. Very free flowering, with long strong stems. A splendid florist's cut flower, also fine for garden use.

**Melody.** Rich orchid-lavender.

**Orange Lady.** Bright orange.

**Rosalie.** Intense rose-pink.

**Star Dust.** A bright deep golden yellow.

**White Light.** Pure white.

**Wildfire.** Dazzling scarlet; a strikingly brilliant color.

**Mixture.** Formula mixture of all colors in this class.

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00.



# ZINNIAS *for Florists*

## ® ORTHO POLKA

An improvement on Peppermint Stick with flowers twice the size. Colors range through white, rose, lavender, red, crimson, and yellow in striped and dotted variations. See illustration inside back cover.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

® **Persian Carpet.** All-America Selection. Dwarf plants 12 inches high. Early blooming. Flowers variegated.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

**Peppermint Stick.** Flowers are striped similar to Ortho Polka, but with smaller Pumila type flowers and shorter plants.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

® **Cupid.** Compact plants about 1 foot tall, with a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

**Linearis.** The flowers are single in a lovely shade of orange with a lemon stripe through each petal. Early flowering.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

® **Super Crown of Gold Mixture.** The flowers are large with each petal overlaid with a golden yellow at the base. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.



CACTUS-FLOWERED MIXED

## ® *Treasure Island*

An F<sub>3</sub> mixture developed by crossing two varieties of Cactus type Zinnias, one red the other yellow. The result is a beautiful mixture with the deeper tones predominating. The flowers are huge, up to 6 inches in diameter, a bushy plant.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.

## ® *Ice Cream*

Color of rich cream! The first truly pure cream Zinnia. Not a shade of buff or yellow or white, but full-bodied cream. Giant formal cactus blooms up to 6 inches and more in diameter, one of the most worthwhile and important color editions in Zinnias. While cream is a rare color in nature and the most difficult of all flower colors to true-up, it is the most prized of all. Cream is the only color that has a tendency to harmonize and combine with all other flower colors.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$12.50.

## ® *Plus-X Cactus*

The new Hybrid Zinnia. Not a strain grown as a mixture year after year as all other Zinnias, but derived by crossing the different cactus varieties and allowing the colors to segregate in the F<sub>2</sub> and F<sub>3</sub>. In "Plus-X Cactus" you have hybrid size, hybrid vigor, and hybrid profusion. All in a wealth of new shades and bicolor effects found in no other Zinnia mixture. Blooms are up to 6 or 7 inches or more in diameter. Extra double cactus-like flowers, borne on extra vigorous, thrifty plants. Plus-X Cactus is the most fully double of all Zinnias.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$12.50.

## ® *Blaze*

All-America Bronze Medal Winner

BLAZE bursts into bloom with a profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. This fiery beauty is borne on free blooming, uniform plants 28 to 32 inches tall. Blaze will delight your customers as a cut flower as well as for sensational mass displays.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$9.00.

## ® *Giant Cactus Mixture*

(Burpee's Hybrids)

These are immense flowered, yet informal and delicate in appearance. Our mixture has a gorgeous range of colors, from pastels to bright scarlet. Flowers average from 5 to 6 inches in size and are carried on husky stems. Their informal petal formation is extremely attractive, some flowers being ruffled, others curled and quilled. Plants are strong growing, free blooming, and ideal for cutting or garden decoration.

Tr. pkt. 50c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.



LILLIPUT  
ZINNIAS

## LILLIPUT VARIETIES

The Lilliputs are among the most popular of Zinnias for cut-flower use. Flowers are small, perfectly double, compact and symmetrical, on strong, long stems. Fine for bedding or cut flowers. 15 to 18 inches high.

**Black Ruby.** Bronze Medal, All-America Selections. Deep velvety maroon, on long stems and quite true, perhaps 95 per cent. Grows 18 inches tall.

**Pastel Mixture.** In response to popular demand, we are pleased to offer this new mixture, composed solely of delicate shades not found in ordinary mixtures.

**Canary-Yellow.**  
**Crimson Gem.**  
**Golden Gem.**  
**Lilac Gem.**  
**Purple Gem.**

**Rosebud.** Rose-pink.

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

**Salmon-Rose.**  
**Scarlet Gem (Red Riding Hood).**  
**Valencia.** A new shade of burnt orange.  
**White Gem.**  
® **Mixed Colors.**

PLEASE NOTE.—The pound rate of Zinnias will apply only where one-half pound or more of a variety is ordered.

HENRY F. MICHELL CO., WALNUT 5-5620, PHILADELPHIA 5, PA.



# VERBENAS

10,000 seeds per ounce.



VERBENA, Grandiflora Mixture

## Upright Type

### ® Michell's Exhibition

We offer a strain which is the result of many years' work of careful selection. The plants are of dwarf upright habit and well branched, producing many large flower heads. Individual florets have clear distinct eyes and come in a range of fine bright florist colors. This is a very fine strain for pot plants, flat sales, combinations, and window boxes. See illustration inside back cover.

Tr. pkt. 75c; ¼ oz. \$1.50; oz. \$5.00; ¼ lb. \$18.00; lb. \$68.00.

**Rose Delight.** Bright rose-pink.

**Royal Blue.** Clear deep blue shades.

**White Star.** Pure snow-white.

Tr. pkt. 75c; ¼ oz. \$1.50; ½ oz. \$2.50; oz. \$7.50.

## Giant Flowering Types

### New Hybrida Grandiflora

® **Marilyn.** An entirely new color in Verbena. A fiery cerise with a suggestion of scarlet. A small cream eye adds loveliness to this charming color. The mammoth clusters of large florets are generally produced on fine uniform plants of compact habit. This is an early strain that will bloom over an extra long season.

® **Annapolis Blue.** A real deep Belladonna blue. A strong, husky grower with large trusses of 3-inch flowers.

**Beauty of Oxford Hybrids.** The color shades from clear rose-pink to rose-red.

**Crimson Glow.** The finest and deepest red—a rich glowing crimson.

**Giant White.** Mammoth flowers of pure white.

**Lavender Glory.** This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye.

® **Newport Salmon (Michell's).** A fine giant-flowering, true salmon-pink with white eye. Extra-large florets.

® **Royale.** Deep royal-blue flowers of enormous size; creamy yellow eye.

**Choice Mixed.**

Each of the above: Tr. pkt. 45c; ¼ oz. \$1.25; oz. \$3.75.

**Venosa.** Heliotrope-blue. Fine for bedding.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.75.

## Dwarf Types

### ® DAZZLE and SPLENDOR

Two new additions to the dwarf type Verbena. Both have the compact dwarf habit and free blooming qualities popular in Crystal, Sparkle, and Delight.

**Dazzle.** A solid scarlet-red with Grandiflora size flowers.

**Splendor.** A brilliant royal purple with a white eye.

Price above two, each: Tr. pkt. 75c; ¼ oz. \$2.00; oz. \$6.00.

® **Delight.** A lovely clear shade of coral-pink suffused salmon, a distinct and new color of Verbenas. Dwarf and compact growing to a height of 5 to 6 inches with an 18-inch spread. A prolific bloomer with Grandiflora sized flowers produced in great numbers.

® **Crystal.** A dwarf compact plant that retains this most desirable habit throughout the entire blooming season. The large pure white florets are produced in abundance in large bouquet type clusters.

® **Sparkle.** Identical to the above variety except in color, which is a bright scarlet-red with large white eye.

® **Michell's Dwarf Mixed.** A carefully blended mix of all the colors in this class.

Prices above four, each: Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

## Bush Types

**Snow-White.** The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is snow-white.

® **Firelight.** The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequaled in any other border or bedding plant. Truly a supreme addition to every garden.

**Starlight.** A bright mid-blue with a creamy eye. Plants are of uniform, bushy habit, about 8 to 10 inches high, very free flowering. An excellent companion to Salmon Queen.

® **Giant Salmon Queen.** The flower heads are large and well filled with large, broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8- to 10-inch, straight stems and its attractive color make it very desirable for bouquets.

Each of the above, trade pkt. 55c; ¼ oz. \$1.30; oz. \$4.00.

## VIRGINIAN STOCK

69,000 seeds per ounce.

**Mixed.** An easy growing border annual.

Tr. pkt. 25c; oz. 75c.

## VINCA

21,000 seeds per ounce.

An excellent bedding plant. Seed should be sown early.

### ® Little Pinkie

A free flowering rose-pink Vinca that will bloom continuously during the summer. The plant habit is very compact, ideal for borders or beds. Height 10 inches.

Tr. pkt. 50c; ¼ oz. \$1.35; oz. \$4.50.

® **Alba.** White, with rose center.

® **Alba pura.** Pure white.

**Delicata.** Soft pink.

**Kermesina.** Bright red.

**Rosea.** Pink.

**Mixed.**

Each of the above, trade pkt. 30c; ¼ oz. 60c; oz. \$2.00.

## WALLFLOWER

14,000 seeds per ounce.

**Double Annual (Early Wonder Mixed).** Extra early, flowering in 90 days. Excellent for forcing. Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00.

**Paris Extra Early Mixed.** Single. Good forcing variety.

Tr. pkt. 20c; oz. 60c.

## XERANTHEMUM Everlasting Flower

**Double Mixed.** Annual. For winter bouquets.

Tr. pkt. 25c; oz. \$1.25.



## \* Alyssum

30,000 seeds per ounce.			
	Trade pkt.	Oz.	
⑩ Saxatile compactum. Golden yellow	\$0.20	\$1.20	
Saxatile compactum, Silver Queen. Pale primrose	.30	3.00	
Rock Garden Hybrids, Mixed	1/8 oz. 75c.	.50	

## Anchusa

1,100 seeds per ounce.			
Refrigerate seeds for 3 days before sowing.			
Italica, Dropmore. Bright blue	1/4 oz. \$0.60	.20	1.80
*Myosotidiflora. Small Forget-me-not-blue flowers. 15 in.	1/8 oz. \$1.35; 1/4 oz. \$2.50	.60	7.50

## Anemone - Windflower

37,000 seeds per ounce.			
Hardy perennial. Blooms excellent for cutting.			
⑩ Caen Hybrids. Choice mixture	.50	3.00	
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	1/4 oz. \$1.10	.55	3.25

## \* Anthemis

85,000 seeds per ounce.			
Tinctoria Kelwayi. Bright yellow flowers. 2 ft.	.35	1.10	

## Aquilegia - Columbine

17,000 seeds per ounce.			
LONG-SPURRED VARIETIES			
	Trade pkt.	1/8 oz.	
Crimson Star. Crimson and white	\$0.60	\$1.75	
Longissima. Delicate shade of yellow	1/16 oz. \$1.80	.60	3.30
Copper Queen. Copper-red, straw corolla	.55	1.65	
Blue Shades	.50	1.25	
Orange and Scarlet Shades	.50	1.25	
Pink and Rose Shades	.50	1.25	
Snow Queen. Pure white	.50	1.25	
Mrs. Scott Elliott's Select Strain	1/4 oz. \$1.50; oz. \$4.50	.50	
Hybrids. Mixed colors	1/4 oz. \$2.00; oz. \$6.00	.40	1.20

## Arabis - Rock Cress

120,000 seeds per ounce.			
	Trade pkt.	Oz.	
⑩*Alpina. Dwarf spring-flowering perennial for edging and rockery. Flowers pure white. 1 ft.	1/4 oz. 80c.	\$0.40	\$2.75
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in.	1/4 oz. \$1.30	.50	3.90

## Aster

22,000 seeds per ounce.			
	Tr. pkt.	1/8 oz.	
Alpinus, Mixed. 1 1/2 ft. Lavender, blue, white	\$0.55	\$1.10	
⑩ Wartburg Star. Good lavender-blue with yellow center. Excellent for cutting	.75	2.00	
Perennial Aster, Mixed. Fall flowering cut flower varieties with a wide assortment of colors	1/4 oz. \$2.25	.60	1.25

## Auricula - Primula Auricula

33,000 seeds per ounce.			
*Choice Mixed. Hardy perennial with flowers of many beautiful colors. 6 in.	1/8 oz. \$1.75; 1/4 oz. \$3.00	\$.050	

## Candytuft - Iberis

9,500 seeds per ounce.			
	Tr. pkt.	1/4 oz.	Oz.
Gibraltarica. Lilac, shading to white	\$0.25	\$0.50	\$1.50
Sempervirens. Flowers white	.50	1.35	4.75

## Campanula - Bellflower

### Campanula Medium - Canterbury Bells

125,000 seeds per ounce.			
BIENNIAL			
	Tr. pkt.	1/4 oz.	Oz.
⑩ Calycanthema, Blue. Cup-and-Saucer	\$0.30	\$0.80	\$2.40
⑩ Calycanthema, Lilac	.30	.80	2.40
⑩ Calycanthema, Pink	.30	.80	2.40
⑩ Calycanthema, White	.30	.80	2.40
⑩ Calycanthema, Mixed	.30	.80	2.40
Single Blue	.25	.40	1.00
Single Pink	.25	.40	1.00
Single White	.25	.40	1.00
Single Mixed	.25	.40	1.00
Double Mixed	.25	.70	2.50

### Miscellaneous Varieties

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.			
	Tr. pkt.	1/8 oz.	1/4 oz.
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers	\$0.50	\$1.25	\$2.00
Persicifolia grandiflora alba. White	.50	1.25	2.00
Pyramidalis, Mixed. Chimney Bellflower. 5 ft.	.25	.75	1.25

## Carnation

14,000 seeds per ounce.

### Dwarf Grenadin

This new improved strain is more dwarf and compact. Flowers early at height of 12 to 15 inches.

Scarlet	Rose	White
Copper	Salmon-Rose	Dwarf Mixed
Each of the above: Tr. pkt. 60c; 1/4 oz. \$2.00; oz. \$6.50.		

### Tall Grenadin

The Grenadin Carnation is an excellent early blooming, large flowering type, fine for cut flowers. 2 feet.

Black King. A fine dark red.	White. Snow-white.
Cardinal. Brilliant scarlet.	White Gold. Beautiful soft yellow.
Triumph Pink. Pure rose-pink.	Mixed.
Each of the above: Tr. pkt. 60c; 1/4 oz. \$2.00; oz. \$6.50.	

## Catananche

16,000 seeds per ounce. Tr. pkt. 1/4 oz. Oz.

Coerulea. Light lavender-blue Centaurea-like flowers. 2 ft.	\$0.25	\$0.75	\$2.25
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## Centaurea

1,600 seeds per ounce.

Montana. Large Cornflower with blue flowers.	Tr. pkt. 25c; oz. \$1.50.
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## Cerastium - Snow-in-the-Summer

42,000 seeds per ounce. 1 foot.

*Tomentosum. Silvery foliage. White flowers.	Tr. pkt. 25c; 1/4 oz. 60c; oz. \$1.75.
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## Cheiranthus

20,000 seeds per ounce.

Allioni. Siberian Wallflower. Orange.	Tr. pkt. 25c; oz. 50c; 1/4 lb. \$1.50.
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## Chrysanthemum

60,000 seeds per ounce. Tr. pkt. 1/8 oz.

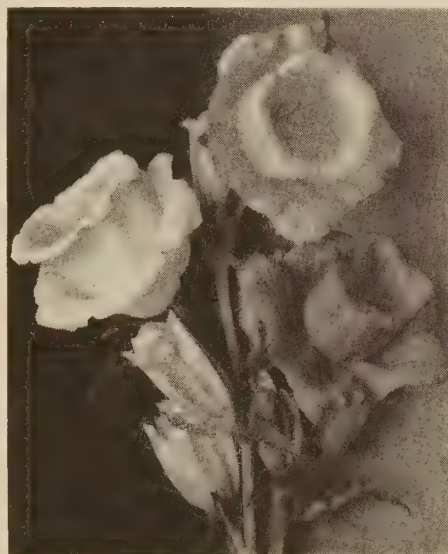
Korean Hybrids. Single and semi-double type in fine color range. Excellent for cutting	1/4 oz. \$4.50	\$1.00	\$2.50
Shasta Daisy. See page 43.			

⑩ Varieties preceded with this symbol are especially recommended.

## \* Coreopsis

12,000 seeds per ounce.

	Tr. pkt.	Oz.
Lanceolata grandiflora. Golden yellow	\$0.25	\$0.75
Lanceolata grandiflora fl-pl. Double-flowering Coreopsis. Double and semi-double flowers	.25	1.00



CAMPANULA CALYCANTHEMA





DELPHINIUM—Super Pacific Hybrids

## Delphinium

### Perennial Larkspur

One of the most popular perennials. Excellent for cutting.  
10,000 seeds per ounce.

#### SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut flowers.

- Ⓜ **Black Knight Series.** Deep velvety blue. Darkest of all.
- Ⓜ **Blue Bird Series.** The clearest medium blue with white bee. Huge tall spikes; an excellent variety.
- Ⓜ **Bluejay Series.** The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.
- Cameliard Series.** A lovely pure lavender self with white bee. Well-balanced spikes, a beautiful variety.
- Ⓜ **Galahad Series.** Clear white of enormous size averaging 3 inches in diameter. Good branching habit; strong whippy stems.
- Guinevere Series.** A magnificent light pink-lavender with white bee; fine large spike.
- Ⓜ **King Arthur Series.** A true royal purple with white bee.
- Percival.** White with contrasting black bee. Very attractive.
- Round Table Series.** This represents all of the color combinations of the knights and their ladies.
- Ⓜ **Summer Skies Series.** Clear light blue with white bee. Excellent for cutting.
- White Majesty.** Giant, pure white.

Each of the above, trade pkt. \$1.50; 1/8 oz. \$2.50; 1/4 oz. \$4.50; oz. \$15.50.

#### Mixed Colors.

Trade pkt. \$1.25; 1/8 oz. \$2.50; 1/4 oz. \$4.00; oz. \$14.00.

**Astolat Series.** A fine mixture ranging from pale blush through pink, rose and lilac, with dark bees.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.00; 1/8 oz. \$3.00; 1/4 oz. \$5.50.

**Blackmore & Langdon's Imported Strain.** Plants are of strong vigorous growth and produce immense spikes of large flowers.

Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$3.75.

#### Other Varieties

- Ⓜ **Sapphire.** New. A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum. An excellent florist item.

Tr. pkt. 50c; 1/4 oz. \$2.00; oz. \$6.00.

Trade pkt. Oz. 1/4 lb.

- Ⓜ **Belladonna Improved (Cliveden Beauty).** A very select strain. Turquoise-blue 1/4 oz. \$1.25 \$0.40 \$3.75 \$12.50

- Ⓜ **Bellamosum, Improved.** A dark blue type of Belladonna 1/4 oz. \$1.25 .40 3.75 12.50

**Cardinale.** Large, brilliant scarlet flowers 1/4 oz. \$1.20 .40 3.60 12.50

**Michell's Gold Medal Hybrids.** A fine strain. Long spikes of large flowers 1/4 oz. \$1.00 .35 3.00 11.00

Tr. pkt. 1/4 oz. Oz.

**Lamartine.** Deep bright marine-blue with eye. Outstanding for color and cut-flower habit 1/4 oz. \$0.55 \$1.50 \$5.00

NOTE.—The seed of Cardinale is of slow germination.

## Daisy, Double English

### Bellis perennis

135,000 seeds per ounce.

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in.

	Tr. pkt.	1/8 oz.	1/4 oz.
* <b>Monstrosa, Pink</b> .....	\$0.60	\$2.00	\$3.75
* <b>Monstrosa, White</b> .....	.60	2.00	3.75
<b>Monstrosa, Salmon Ball</b> .....	.60	2.00	3.75
* <b>Monstrosa, Mixed</b> .....	.60	1.80	3.30



DIANTHUS, Allwoodi

## Dianthus - Pinks

### Hardy Garden Varieties

	Tr. pkt.	Oz.
<b>Allwoodi Alpinus Mix.</b> 1 1/2-inch single flowers in various shades of pink 1/4 oz. \$1.75 \$0.40		
Ⓜ * <b>Caesius.</b> Cheddar pink. Pink 1/4 oz. 60c. .30 2.00		
Ⓜ <b>Clove-Scented, Double and Semi-Double Mixed</b> .30 1.50		
<b>Deltoides, Brilliant.</b> Maiden Pink. Dwarf. Carmine 1/4 oz. \$1.75 .40		
<b>Double Scotch, Mixed.</b> Choice colors 1/4 oz. \$1.00 .40 3.00		
<b>Pheasant's Eye, Mixed.</b> Single; fringed 1/4 oz. 75c. .35 2.60		
* <b>Rock Garden Species.</b> A mixture of 25 rare varieties 1/4 oz. 85c. .50 3.00		

**FORGET-ME-NOT.** See Myosotis, page 42.

## Dicentra

	Tr. pkt.	1/8 oz.	Oz.
<b>Spectabilis (Bleeding Heart).</b> 6,000 seeds per oz. 32 inches. Rosy red 1/4 oz. \$1.50 \$4.50			
<b>Eximia (Plumy Bleeding Heart).</b> 16,000 seeds per oz. Dwarf. 12 in. Rose-pink 1/4 oz. \$1.50 .50 4.50			

## Dictamnus

	Tr. pkt.	Oz.
<b>Fraxinella (Gas Plant).</b> 1,700 seeds per ounce. Flowers pink with dark veins. 1/4 oz. 75c. \$0.30 \$2.25		

## Digitalis - Foxglove

	Tr. pkt.	Oz.
Ⓜ <b>Excelsior Hybrids.</b> (Biennial.) 180,000 seeds per ounce. A distinct new strain with florets carried all around the stem. The color range includes white through cream to pink and purple. Strong, heavily laden spikes reach a height of 5 to 6 ft. 1/4 oz. \$1.25 .50 3.75		
<b>Giant Shirley, Mixed.</b> Enormous spikes of flowers. 3 to 5 ft. 1/4 oz. \$1.00 .35 3.00		
<b>Monstrosa.</b> Mammoth spikes; various colors. 1/4 oz. 60c. .35 2.00		

## Doronicum

	Tr. pkt.	Oz.
<b>Caucasicum, Magnificent.</b> 18,000 seeds per ounce. Gerbera-like yellow flowers. Good for cutting 1/2 oz. \$6.75; 1/8 oz. \$2.25 1.00		

## Euphorbia

	Tr. pkt.	Oz.
<b>Polychroma.</b> 7,000 seeds per ounce. Flowers in bracts of yellow, changing to rosy bronze. 1 1/2 ft. 1/2 oz. \$5.40; 1/8 oz. \$1.80 .60		





GAILLARDIA, Monarch

## Gaillardia Grandiflora Perennial Varieties

10,000 seeds per ounce.

Very showy and excellent for the border or for cutting. 2½-3 ft.

	Tr. pkt.	Oz.
Ⓜ <b>Monarch Strain.</b> Giant flowering. Exquisite mixed	\$.30	\$1.85
<b>Portola Hybrids.</b> Flowers of immense size, bronzy red with golden tipped petals	¼ oz. 80c.	.40 2.40
<b>Superba, Mixed</b>	¼ oz. 50c.	.30 1.60
Ⓜ <b>Dazzler.</b> Flowers golden yellow with maroon center.	¼ oz. 55c.	.30 1.85
<b>Burgundy.</b> Medium size flowers of coppery scarlet.	¼ oz. 75c.	.30 2.35
<b>Goblin.</b> Dwarf, compact. Bi-colored red and yellow flowers	¼ oz. 75c.	.30 2.35

## Geum

7,000 seeds per ounce.

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer.

	Tr. pkt.	Oz.
<b>Lady Stratheden.</b> Golden yellow. 2 ft. . . . . ¼ oz. 90c.	\$.30	\$2.70
Ⓜ <b>Mrs. Bradshaw.</b> Brilliant scarlet flowers. 2 ft. ¼ oz. 90c.	.30	2.70
<b>Prince of Orange.</b> True orange; large flowers.	¼ oz. 90c.	.30 2.70

Ⓜ Varieties preceded with this symbol are especially recommended.

## Gypsophila - Baby's Breath

35,000 seeds per ounce.

	Tr. pkt.	Oz.
Ⓜ <b>Oldhamiana.</b> Bright pink, fragrant flowers. ¼ oz. 75c.	\$.30	\$2.50
<b>Paniculata.</b> White flowers. 3 ft. . . . . ¼ lb. \$3.00	.25	1.00
Ⓜ <b>Paniculata fl-pl.</b> Double white flowers. Comes 50 per cent true. 3 ft. . . . . ¼ oz. \$1.50	.50	5.00
* <b>Repens.</b> A pretty trailing perennial with tiny white flowers. Fine for the rock garden. 6 in. . . . . ¼ oz. \$1.35	.45	3.90

## Heuchera

750,000 seeds per ounce.

<b>Sanguinea splendens.</b> Coralbells. Bright vermilion blooms. Excellent for cutting. 30 in. . . . .	1/16 oz. \$1.75; ¼ oz. \$3.25	.60
<b>Sanguinea hybrida, Choice Mixed.</b> 30 in. . . . .	1/16 oz. \$1.75; ¼ oz. \$3.25	.60

## Helianthemum - Sun Rose

<b>Mutabile.</b> Dwarf rock plant blooming during July and August. Mixed colors . . . . . ¼ oz. 60c.	.35	1.80
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## Helleborus

3,600 seeds per ounce.

Ⓜ <b>Niger (Christmas Rose).</b> Seed should be frozen before sowing, or sow out-of-doors in fall. Flowers white. 2½ inches . . . . . ¼ oz. \$1.20	.70	3.60
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## Hibiscus - Marshmallow

7,000 seeds per ounce.

<b>Giant Choice Mixed</b> . . . . . ¼ oz. 90c.	.30	2.60
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HOLLYHOCK, Chater's Double

## Hollyhock

3,800 seeds per ounce.

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

- Ⓜ **Improved New Triumph.** Rustproof. Flowers double, waved and fringed in a selected mixture of many choice new colors.  
**Double Newport Pink.** Pure pink. **Chater's Double White.**  
**Chater's Double Maroon.** **Chater's Double Yellow.**  
**Chater's Double Red.** **Chater's Double Mixed.**  
**Chater's Double Salmon.**

Each of the above: Tr. pkt. 35c; ¼ oz. 65c; oz. \$2.00.

**Double Everblooming Mixed.** Blooms the first year.

Tr. pkt. 25c; oz. \$1.25.

## SINGLE HOLLYHOCK

	Tr. pkt.	Oz.
<b>Mixed Colors</b> . . . . .	\$.25	\$1.00

## Honesty - Lunaria

15,000 seeds per ounce.

<b>Biennis alba.</b> Biennial. Admired for its silvery seed panicles. 3 ft. . . . .	.25	1.40
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## Lathyrus latifolius - Perennial Pea

600 seeds per ounce.

A hardy climber, growing 6 feet high.

<b>Pink Pearl</b>	<b>Red Pearl</b>
<b>White Pearl</b>	<b>Choice Mixed</b>

Tr. pkt. 35c; ½ oz. \$1.10; oz. \$1.90.

## Lavender - Lavandula

32,000 seeds per ounce.

<b>Vera.</b> True Lavender. Fragrant blue flowers. 2 ft. . . . . ¼ oz. \$1.25	.50	3.75
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## Liatris

9,500 seeds per ounce.

<b>Pycnostachya.</b> A showy border plant with rosy purple flowers. Excellent for cutting. 4 ft. . . . . ¼ oz. \$1.00	.35	3.00
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## Lily - Lilium

8,200 seeds per ounce.

<b>Regale (L. myriophyllum).</b> Perfectly hardy. Excellent for forcing. Flowers waxy white . . . . .	.25	1.50
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- Ⓜ **WHITE QUEEN.** A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed . . . ¼ oz. \$4.50

## Linum - Flax

8,500 seeds per ounce.

<b>Collinum.</b> Dwarf bright blue . . . . .	.40	3.75
<b>Flavum Compacta.</b> Golden yellow flowers, dark green foliage . . . . .	.40	2.50
<b>Perenne.</b> Large blue flowers. 1½ ft. . . . .	.30	.90

## Lychnis

64,000 seeds per ounce.

Hardy perennial plants of easy culture.		
<b>Chalcedonica.</b> Scarlet cross-like flowers. 2 ft. . . . .	.25	1.80



## Lupinus polyphyllus

1,000 seeds per ounce.

Tr. pkt. Oz.

Effective perennial plants with large spikes of flowers.

**Mixed.** All colors ..... 1/4 lb. \$4.00 .50 \$1.25

**New Hybrids, Mixed** ..... .25 1.25

Ⓜ **Russell Lupins.** The long, closely furnished spikes come in a great variety of rich colors and brilliant bicolors . . .50 2.00

## Matricaria - Feverfew

145,000 seeds per ounce.

Ⓜ **Ball Strain.** A fine pure white with long stems, coming 80 to 85 per cent true, full doubles. Fine for greenhouse, as well as outdoors ..... 1/16 oz. \$2.00; 1/4 oz. \$6.00 . . 1.00 18.00

**Double White.** Fine for cut flowers. 1 1/2 ft. 1/4 oz. \$2.00 . .40 6.00

**Golden Ball.** Bright yellow flowers. Dense habit. 8 in. . .40 2.50

## Myosotis - Forget-me-not

44,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

**Alpestris, pink** ..... \$0.40 \$0.75 \$2.50

**Alpestris, White** ..... .40 .75 2.50

**Alpestris, Victoria.** Bright blue. Dwarf ..... .50 1.50 5.00

**Bluebird.** Extra early flowering; bright blue ..... .40 .90 3.25

**Royal Blue.** Dwarf indigo-blue. A fine dark blue. .40 .85 3.00

Ⓜ **Michell's Winter-Flowering.** The finest variety for forcing. Long stems. Large deep blue flowers. .50 1.00 3.50

**Palustris semperflorens.** Everblooming. Blue . . .40 .90 3.25

**Choice Mixed** ..... .25 .50 1.50

## Pentstemon - Beard Tongue

Tr. pkt. 1/8 oz. 1/4 oz.

**Avalon Mixture.** Wide range of colors with 3-ft. flower spikes ..... \$0.40 \$0.80 \$1.50



PHLOX, Beltsville Beauty

## Phlox, Hardy

2,500 seeds per ounce.

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring—or sow and refrigerate for one month. Tr. pkt. Oz.

Ⓜ **BELTSVILLE BEAUTY.** An improved strain of perennial Phlox. This popular variety is a broad mixture of many colors ..... 1/4 oz. \$2.50 . \$0.85 \$7.50

**Decussata, Mixed.** Choice selection ..... 1/4 oz. 80c. .40 2.50

## Physalis - Chinese Lantern Plant

180,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

**Francheti.** Perennial. Orange-scarlet fruits. 2 1/2 ft. \$0.30 \$0.80 \$2.50



ICELAND POPPIES, Kelmscott

## Poppy - Papaver

Perennial Varieties

140,000 seeds per ounce.

Tr. pkt. 1/4 oz.

**Iceland, Kelmscott.** The flowers of this strain measure as much as 3 inches across. The color range is from deep scarlet through delicate pinks and buffs to pure white . . \$0.75 \$1.25

**Iceland, Yellow Wonder.** Bright buttercup-yellow, fine for cutting ..... .40 .75

**Iceland, Single Mixed** ..... .25 .50

**Orientele.** Deep scarlet ..... .40 1.75

**Orientele, Mrs. Perry.** Rich salmon-pink ..... .50 1.75

**Orientele, Royal Scarlet** ..... .50 1.75

**Orientele Hybrids, Mixed** ..... .30 1.25

## \*Primula - Polyanthus

33,000 seeds per ounce. Tr. pkt. 1/4 oz. Oz.

Ⓜ **Veris colosseae.** (Perennial.) The largest flowered hardy Primula in as wide a color range as possible, including attractive pastel shades. A very attractive perennial for the rock garden and semi-shaded border ..... 1/8 oz. \$3.00 \$1.25 \$5.25 \$17.00

Ⓜ **Giant Munstead Strain.** Large flowered mixture of white, primrose and yellow shades. 1/8 oz. \$3.00 . 1.25 5.25 17.00

**English Mixed.** Large single flowers ..... .50 2.00 7.00

## Pyrethrum hybridum

Perennial Varieties

18,000 seeds per ounce.

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two or three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2 1/2 ft.

Tr. pkt. 1/4 oz. Oz.

**Atrosanguineum.** Single; dark red shades ..... \$0.60 \$1.50 \$4.75

**Roseum.** Single; pink shades ..... .60 1.50 4.75

**Hybridum, Choice Double, Mixed** ..... .60 2.75 8.25

Ⓜ **Robinson's Giant-Flowered, Single Mixed** . . .60 1.50 4.75

## Scabiosa - Mourning Bride

Perennial Varieties

2,400 seeds per ounce.

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

**Caucasica, Giant Hybrids.** Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use.

Tr. pkt. 45c; 1/4 oz. \$1.35; oz. \$4.00.





SHASTIA DAISY, Double White

### Shasta Daisy

18,000 seeds per ounce.

	Tr. pkt.	Oz.
⑩ <b>New Giant Double White.</b> Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant Aster ..... 1/8 oz. \$1.65; 1/4 oz. \$3.00	\$0.55	\$12.00
<b>Alaska.</b> Pure white. Excellent for cutting .....	.25	1.50
<b>Conqueror.</b> Giant-flowering white .....	.25	1.50

### Statice - Everlasting Flower

170,000 seeds per ounce.

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

	Tr. pkt.	1/4 oz.	Oz.
<b>Caspia.</b> Lilac. 3 ft. ....	\$0.30	\$0.80	\$2.75
<b>Dumosa.</b> Silvery gray. 2 1/2 ft. ....	.40	1.00	3.00
<b>Latifolia.</b> Large, deep blue flowers .....	.30	.65	2.00

### Stokesia - Stokes Aster

3,300 seeds per ounce.

<b>Cyanea.</b> Plants 1 1/2 ft. with large blue flowers. ....	.40	1.35	4.00
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### Sweet William - Dianthus barbatus

28,000 seeds per ounce.

#### DWARF DOUBLE MIXED

A special selected strain of this popular flower growing only 6 to 8 inches high. An excellent variety for basket work. Contains a very fine range of colors.

Tr. pkt. 40c; 1/4 oz. 90c; oz. \$3.00; 1/4 lb. \$10.00.		
Tr. pkt. 1/4 oz.	Oz.	

* <b>Dwarf or Alpine. Single.</b> A fine new strain of dwarf type, suitable for edging and rock gardens. Color range a selection of many bright and dark shades .....	\$0.60	\$1.50	\$4.75
⑩ <b>Crimson</b> .....	.35	.75	2.60
<b>Holborn Glory.</b> Giant Auricula-flowered, mixed. ....	.35	.75	2.60
⑩ <b>Newport Pink.</b> Salmon-pink .....	.35	.75	2.60
<b>Purple Beauty.</b> Bright deep purple .....	.35	.75	2.60
<b>Scarlet Beauty.</b> Rich deep scarlet .....	.35	.75	2.60
<b>Sutton's Giant White.</b> The finest large-flowering pure white Sweet William .....	.35	.75	2.60
<b>White</b> .....	.35	.75	2.60
<b>Single Mixed.</b> All colors .....	.35	.75	2.60
⑩ <b>Double Mixed.</b> All colors .....	.35	.75	2.60



SWEET WILLIAM, Single Mixed

### Sweet Rocket - Hesperis

15,000 seeds per ounce.

Tr. pkt. Oz.

<b>Mixed.</b> Hardy perennial. Purple and white, fragrant flowers. 3 ft. ....	\$0.25	\$1.00
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### Thalictrum

12,000 seeds per ounce.

Hardy perennial plants with finely cut foliage.

<b>Dipterocarpum.</b> Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft. ....	Tr. pkt. 30c; 1/4 oz. 75c; oz. \$2.35.
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### Thermopsis

6,500 seeds per ounce.

**Caroliniana.** Yellow, Lupin-like flowers.

Tr. pkt. 30c; 1/4 oz. 75c; oz. \$2.35.
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### Tritoma - Red Hot Poker

22,400 seeds per ounce.

<b>Hybrida, Mixed.</b> 2 ft. ....	Tr. pkt. 45c; 1/4 oz. 80c; oz. \$2.50.
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TRITOMA HYBRIDS

### Viola cornuta - Tufted Pansies

25,000 seeds per ounce.

**Georgia Peach.** An exceptionally large flowered variety, bright shades of delicately peach-colored flowers on well formed, compact plants.

Tr. pkt. \$1.00; 1/16 oz. \$1.50; 1/8 oz. \$2.50; 1/4 oz. \$4.00.		
Tr. pkt. 1/4 oz.	Oz.	

**Arkwright Ruby.** This new variety is of the large-flowered type. Very fragrant beautiful bright rosy crimson blooms with terra cotta shadings make it a very outstanding variety ..... 1/8 oz. \$1.10 \$0.60 \$2.00 \$6.00

**Jersey Gem.** This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom .....

..... 1/8 oz. \$2.25 .. .60 3.75 10.25

**Blue Perfection.** Light blue .....

**Chantreyland.** New. A fine new variety in a pure apricot outstanding in color ..... 1/8 oz. \$1.10 .. .60 2.00 6.00

**White Perfection.** Pure white .....

**Yellow Perfection.** Golden yellow .....

**Mixed.** All colors .....

**Scotch Bedding Mixed.** Produces larger flowers than **V. cornuta** ..... 1/8 oz. \$1.10 .. .60 2.00 6.00

### Veronica - Speedwell

250,000 seeds per ounce.

**Spicata.** 15-18 in. Brightly colored plants of various shades of blue.

Tr. pkt. 35c; 1/4 oz. 90c; oz. \$2.70.
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### Wallflower

14,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

<b>Double Annual "Early Wonder Mixed."</b> Extra-early flowering, flowers in 90 days .....	\$0.30	\$0.60	\$2.00
<b>Paris Extra-Early, Mixed.</b> Single. Blooms the first year from seed. Excellent for forcing .. .	.20		.60





# Vegetable Seeds

## ASPARAGUS ROOTS—2-Year-Old

(Ready about March 20th for spring planting.)

Mary Washington. \$3.00 per 100 roots; \$27.50 per 1000 roots.

## BEANS

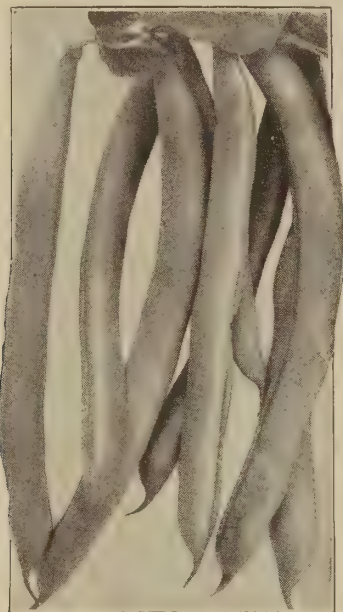
### Dwarf

#### Green-Podded Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
<b>Bountiful.</b> 47 days	\$0.50	\$2.25	\$4.50	\$37.00
<b>Improved Stringless Green-Pod.</b> 50 days	.50	2.25	4.50	37.00
<b>Topcrop.</b> 50 days	.50	2.25	4.50	37.00

#### Yellow-Podded Varieties

<b>Improved Rustproof Golden Wax.</b> 51 days	.50	2.25	4.00	37.50
<b>Pencil-Pod Black Wax.</b> 55 days	.50	2.25	4.00	37.50



BEAN,  
Bountiful

## Bush Limas

	Lb.	5 lbs.	10 lbs.	100 lbs.
<b>Fordhook 242.</b> 72 days	\$0.50	\$2.50	\$4.50	\$42.00

## BEETS

One ounce will sow a row about 50 feet long; 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.
<b>Crosby's Egyptian. Special Strain.</b> 55 days	\$0.25	\$0.65	\$2.00
<b>Detroit Dark Red. Special Strain.</b> 56 days	.25	.65	2.00

## BROCCOLI

One ounce will produce 3000 plants.

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>De Cicco.</b> 60 days. An extremely early strain producing large heads. Excellent for bunching or freezing	\$0.35	\$0.55	\$2.00	\$6.00

## BRUSSELS SPROUTS

One ounce will produce about 3000 plants.

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>Long Island Improved.</b> 90 days	\$0.50	\$0.90	\$3.00	

## CABBAGE

One ounce will produce about 3,000 plants; 4 ounces, enough for an acre.

### Yellows-Resistant Varieties

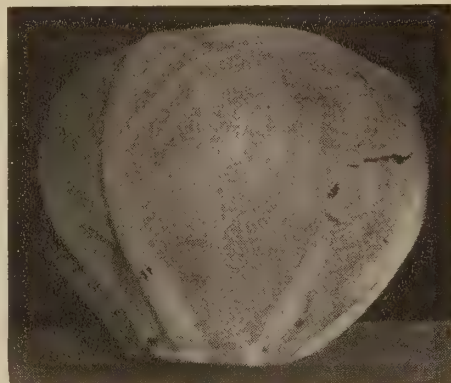
	Oz.	1/4 lb.	Lb.
<b>Wisconsin All Season.</b> 90 days	\$0.90	\$3.00	\$9.00
<b>Golden Acre Resistant.</b> 64 days	.75	2.50	7.50
<b>Jersey Queen.</b> 66 days	.60	2.00	6.00
<b>Marion Market.</b> 79 days	.60	2.00	6.00
<b>Wisconsin Hollander No. 8.</b> 105 days	.60	2.00	6.00

### Early Varieties

<b>Copenhagen Market.</b> 69 days	.60	2.00	6.00
<b>Extra Early Jersey Wakefield.</b> 63 days	.45	1.50	4.50
<b>Golden Acre.</b> 64 days	.60	2.00	6.00
<b>Charleston or Large Wakefield.</b> 74 days	.45	1.50	4.50

### Late or Winter Varieties

<b>Danish Ballhead.</b> 103 days	.75	2.50	7.50
<b>Late Flat Dutch.</b> 100 days	.60	2.00	6.00
<b>Mammoth Red Rock.</b> 100 days	.60	2.00	6.00
<b>Savoy Chieftain.</b> 88 days	.60	2.00	6.00



CABBAGE

## CARROTS

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre.

	Oz.	1/4 lb.	Lb.
<b>Chantenay Half-Long. Special.</b> 72 days	\$0.40	\$1.20	\$3.60
<b>Danvers Half-Long.</b> 75 days	.30	.90	2.70

## CANTALOUPE or MUSKMELON

	Oz.	1/4 lb.	Lb.
<b>Hale's Best. No. 36.</b> 82 days	\$0.35	\$1.20	\$3.50
<b>Honey Rock.</b> 81 days	.35	1.20	3.50

## CAULIFLOWER

One ounce will produce about 3,000 plants.

	1/8 oz.	1/4 oz.	Oz.	1/4 lb.
<b>Snowdrift.</b> 55 days. One of the best varieties for shipping long distances	.50	.80	2.40	8.00
<b>Super Snowball.</b> 55 days. A highly desirable main-crop variety	.50	.80	2.40	8.00

## CELERY

One ounce will produce 3,000 to 5,000 plants; 1/2 pound will sow an acre.

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>Golden Self-Blanching.</b> 114 days	.50	1.00	3.35	10.00
<b>Summer Pascal, Waltham Strain.</b> 113 days	.55	1.00	3.35	10.00



## SWEET CORN

One pound will plant about 150 hills; 12 to 15 pounds, an acre.

### HYBRID TYPES

	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
<b>Big Mo.</b> 81 days. Honorable Mention, All-America Selections	\$0.50	\$2.40	\$4.60	\$11.00	\$42.00
<b>Golden Cross Bantam.</b> 83 days	.50	2.40	4.40	10.50	40.00
<b>Goldrush.</b> 69 days. The finest large-eared, extra-early hybrid	.50	2.40	4.60	11.00	42.00
<b>Hybrid Stowell's Evergreen.</b> 93 days	.55	2.70	5.20	12.00	46.00
<b>Lochief.</b> 83 days. Gold Medal, All-America Selections	.55	2.70	5.20	12.25	46.00

### Open-Pollinated Types

	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
<b>Country Gentleman.</b> 95 days	\$0.45	\$1.90	\$3.50	\$8.25	\$31.00
<b>Golden Bantam.</b> 79 days	.40	1.80	3.40	8.00	30.00

## GARDEN CRESS - Pepper Grass

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>Water Cress</b>	\$0.55	\$1.00	\$3.00	\$9.00

## CUCUMBERS

One ounce will sow 60 hills; 2 to 3 pounds, an acre.

	Oz.	1/4 lb.	Lb.	5 lbs.
<b>Arlington White Spine.</b> 62 days	\$0.35	\$0.85	\$2.50	\$11.50
<b>Early Fortune.</b> 64 days	.30	.80	2.35	11.00
<b>Improved Long Green.</b> 67 days	.30	.90	2.75	13.25
<b>Marketer.</b> 65 days	.35	1.00	2.85	13.00
<b>Straight Eight.</b> 66 days	.30	.80	2.35	11.50
<b>Forcing Cucumber, Telegraph</b>	10 seeds 35c; 100 seeds \$3.00.			

### HYBRID CUCUMBER

<b>Early Sure-Crop Hybrid.</b> 58 days. Bronze Medal, All-America Selections.	1/16 oz. 50c; 1/4 oz. \$1.40; 1/2 oz. \$2.25; oz. \$4.20; 1/4 lb. \$12.50
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## DANDELION

	Oz.	1/4 lb.	Lb.
<b>Italian</b>	\$0.50	\$1.50	\$4.50

## EGGPLANT

One ounce will produce 1,000 to 2,000 plants.

Days quoted cover period that plants are set outside to marketable stage. From seed, add 30 days more.

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>Black Beauty.</b> 80 days	\$0.45	\$0.60	\$2.00	\$6.00
<b>Fort Myers Market.</b> 85 days	.50	.80	2.70	8.00
<b>New Hampshire Hybrid.</b> 68 days	.50	.90	2.75	8.00

## ENDIVE - Chicory

One ounce will sow 200 feet of row.

	Oz.	1/4 lb.	Lb.
<b>Full-Hearted Batavian.</b> 88 days	\$0.30	\$0.90	\$2.70

## KOHLRABI

One ounce will sow about 200 feet of drill.

	Oz.	1/4 lb.	Lb.
<b>Early White Vienna.</b> 55 days	\$0.40	\$1.25	\$3.75

## LEEK

One ounce will sow about 100 feet of drill.

	Oz.	1/4 lb.	Lb.
<b>American Flag.</b> 142 days	\$0.45	\$1.50	\$4.50
<b>Giant Carentan.</b> 150 days	.45	1.50	4.50

## LETTUCE

One ounce will produce about 2,500 plants.

### Heading Varieties

	Oz.	1/4 lb.	Lb.
<b>Bibb.</b> 60 days	\$0.30	\$1.00	\$3.00
<b>Big Boston.</b> 75 days	.30	1.00	3.00
<b>Great Lakes.</b> 82 days. Bronze Medal, All-America Selections	1/2 oz. 35c	.50	1.70
<b>Imperial No. 44.</b> 82 days	.50	1.60	4.80

### Loose-Leaf or Cutting Varieties

	Oz.	1/4 lb.	Lb.
<b>Grand Rapids.</b> 43 days	\$0.25	\$0.80	\$2.40

## MUSHROOM SPAWN

Pure Culture Brick Spawn

<b>Per brick</b>	\$0.55
<b>Per 5 bricks</b>	2.60
<b>Per 10 bricks</b>	5.00

## OKRA - Gumbo

One ounce will sow 100 feet of drill.

	1/4 lb.	Lb.	5 lbs.
<b>Dwarf-Stalked Long Green Pod.</b> 52 days	\$0.45	\$1.20	\$5.75
<b>Perkins Mammoth Long Pod.</b> 64 days	.45	1.20	5.75

## ONION

One ounce will sow 100 feet of row; 5 to 6 pounds an acre.  
If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

	1/2 oz.	Oz.	1/4 lb.	Lb.
<b>Bermuda White.</b> 93 days	\$0.40	\$0.70	\$2.30	\$6.90
<b>Sweet Spanish. Utah Strain.</b> 110 days	.40	.70	2.30	6.90
<b>Yellow Globe Danvers.</b> 110 days	.40	.70	2.30	6.90

## ONION SETS

One pound will plant 50 feet of row; 8 bushels an acre. 32 lbs. per bu.  
Shipped on local orders after March 15, unless otherwise requested.

White	Yellow	Shallots
Prices on application.		

## PARSLEY

One ounce will sow 150 feet of row; 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.	5 lbs.	10 lbs.
<b>Champion Moss Curled.</b> 70 days	\$0.35	\$0.65	\$1.90	\$9.25	\$17.50
<b>Double Curled.</b> 70 days	.35	.65	1.90	9.25	17.50
<b>Hamburg or Rooted.</b> 90 days	.35	.65	1.90	9.25	17.50
<b>Plain or Single.</b> 72 days	.35	.65	1.90	9.25	17.50



## PEAS

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre.

### Extra-Early Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
<b>Alaska.</b> 56 days .....	\$0.35	\$1.65	\$3.10	\$28.00
<b>Gradus or Prosperity.</b> 60 days .....	.35	1.65	3.10	28.00
<b>Laxton's Progress.</b> 62 days .....	.35	1.65	3.10	28.00
<b>Little Marvel.</b> 64 days .....	.35	1.65	3.10	28.00
<b>Thomas Laxton.</b> 62 days .....	.35	1.65	3.10	28.00

### Second-Early and Late Varieties

<b>Alderman.</b> 74 days .....	.35	1.65	3.10	28.00
<b>Tall Telephone.</b> 75 days .....	.35	1.65	3.10	28.00

### Sugar or Edible-Podded Peas

<b>Dwarf Gray Sugar.</b> 65 days .....	.35	1.65	3.10	28.00
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PEPPER,  
California  
Wonder

## PEPPERS

One ounce will produce about 1,200 plants.

	Oz.	¼ lb.	Lb.
<b>Bell or Bull Nose.</b> 64 days. Special .....	\$0.65	\$2.20	\$6.50
<b>California Wonder.</b> 75 days. Sweet .....	.75	2.70	7.50
<b>Calwonder Early.</b> 68 days .....	.75	2.70	7.50
<b>Hungarian Wax.</b> Hot. 65 days .....	.90	3.00	9.00
<b>King of the North.</b> 64 days .....	.60	2.00	6.00
<b>Large Red Cherry.</b> Hot. 82 days .....	.70	2.40	7.00
<b>Long Red Cayenne.</b> Hot. 70 days .....	.60	2.00	6.00
<b>Pimiento.</b> 73 days. Sweet .....	.75	2.50	7.50
<b>Sweet Banana.</b> .....	1.00	3.35	10.00
<b>World Beater No. 13.</b> 68 days. Sweet .....	.60	2.00	6.00

## PUMPKINS

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre.

	Oz.	¼ lb.	Lb.
<b>Connecticut Field.</b> 118 days .....	\$0.25	\$0.85	\$2.50
<b>Small Sugar.</b> 110 days .....	.25	.85	2.50

### VEGETABLES FOR FLAT SALES

Cabbage  
Cauliflower

Celery  
Eggplant

Peppers  
Tomatoes



RADISH, Cherry Belle

## RADISHES

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre.

### Early Varieties

	Oz.	¼ lb.	Lb.
<b>Cherry Belle.</b> Round and red as a Cherry, with short top. 25 days .....	\$0.25	\$0.50	\$1.50
<b>Early Scarlet Globe.</b> 25 days .....	.25	.45	1.35
<b>Long White Icicle.</b> 27 days .....	.25	.45	1.35

### Summer and Winter Varieties

	¼ lb.	Lb.	5 lbs.	10 lbs.
<b>Celestial or White Chinese.</b> 60 days .....	\$0.45	\$1.25	\$6.00	\$11.25

## RUTABAGA

	¼ lb.	Lb.	5 lbs.
<b>American Purple-top Yellow.</b> Special strain. 90 days .....	\$0.40	\$1.10	\$5.00

## SALSIFY - Oyster Plant

One ounce will sow 50 feet of drill; 10 pounds, an acre.

	Oz.	¼ lb.	Lb.
<b>Mammoth Sandwich Island.</b> 160 days .....	\$0.50	\$1.50	\$4.50

## SPINACH

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre.

	¼ lb.	Lb.	5 lbs.
<b>Bloodsdales Long-Standing Savoy.</b> 42 days .....	\$0.25	\$0.75	\$3.00
<b>Virginia Blight-Resistant Savoy.</b> 39 days .....	.25	.75	3.00
<b>New Zealand.</b> 70 days .....	.35	.85	3.50

## SQUASH

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre.

	Oz.	¼ lb.	Lb.
<b>Early Prolific Straightneck.</b> 50 days .....	\$0.30	\$0.85	\$2.35
<b>Early Yellow Summer Crookneck.</b> 52 days .....	.30	.85	2.35
<b>Zucchini.</b> 62 days .....	.30	.85	2.35

### Fall and Winter Varieties

<b>Boston Marrow.</b> 97 days .....	.30	.85	2.35
<b>Butternut.</b> 90 days .....	.30	.85	2.35

## SWISS CHARD - Spinach Beet

One ounce will sow a row about 50 feet long.

	Oz.	¼ lb.	Lb.
<b>Giant Lucullus.</b> 50 days .....	\$0.25	\$0.75	\$2.25

## TURNIPS

One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast.

	Oz.	¼ lb.	Lb.
<b>Purple-Top White Globe.</b> 57 days .....	\$0.25	\$0.40	\$1.25



## TOMATOES

One ounce will produce 3500 plants;  $\frac{1}{4}$  pound, enough for an acre.

ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED STOCK

### Standard Varieties

	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Bonny Best.</b> 73 days.....	\$0.40	\$0.60	\$2.00	\$ 6.00
<b>Break o' Day.</b> 70 days .....	.45	.80	2.70	8.00
<b>Beefsteak or Crimson Cushion.</b> 90 days. Im- mense, crimson-scarlet, solid fruit .....	.45	.80	2.70	8.00
<b>Earliana</b> (Penn State). 66 days .....	.50	.90	3.00	9.00
<b>Golden Ponderosa.</b> 88 days .....	.60	1.00	3.00	9.00
<b>Jubilee.</b> 72 days. Bright orange-yellow.....	.50	.90	3.00	9.00
<b>Marglobe, Special Strain.</b> 77 days. An extra- fine selection of the originator's stock .....	.60	1.00	3.25	10.00
<b>Oxheart.</b> 90 days.....	.65	1.10	3.50	10.50
<b>Ponderosa.</b> 88 days.....	.50	.90	3.00	9.00
<b>Pritchard, Special Strain</b> .....	.45	.75	2.50	7.50
<b>Rutgers, Special Strain.</b> 78 days .....	.50	.90	3.00	9.00
<b>Stokesdale.</b> .....	.45	.75	2.50	7.50
<b>Stone.</b> 85 days .....	.40	.65	2.25	6.50
<b>Valiant.</b> 66 days .....	.45	.75	2.50	7.50
<b>Victor.</b> 66 days .....	.45	.75	2.50	7.50

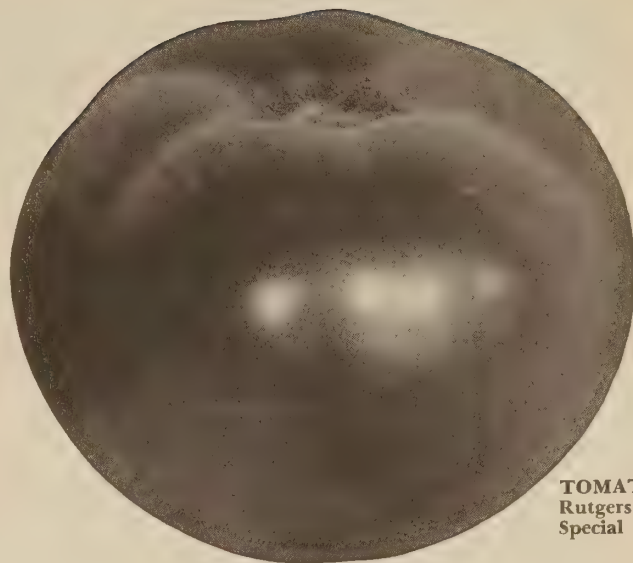
### Small-Fruited Tomatoes

	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.
<b>Red Cherry</b> .....	\$0.25	\$0.75	\$2.50
<b>Red Pear</b> .....	.25	.75	2.50
<b>Yellow Plum</b> .....	.25	.75	2.50
<b>Yellow Pear</b> .....	.25	.75	2.50

## WATERMELONS

One ounce will sow 30 hills; 4 pounds, an acre.

	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Congo.</b> 90 days. Bronze Medal, All-America Selec- tions .....	\$0.40	\$1.20	\$3.50
<b>Kleckley's Sweets.</b> 85 days.....	.40	1.20	3.50
<b>New Hampshire Midget.</b> 67 days. Gold Medal, All-America Selections.....	.40	1.20	3.50



TOMATO,  
Rutgers  
Special Strain

### Hybrid Tomatoes

	Tr. pkt.	$\frac{1}{4}$ oz.	Oz.
<b>Hybrid Early Prolific.</b> 58 days. A true first-gen- eration hybrid with excellent dark red fruit. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00 .....	\$ 1.40	\$10.00	\$35.00
<b>Michell's Hybrid Early Delicious.</b> 60 days. Heavy early yielder. Fruit medium large, color deep red, very smooth, uniform in shape and size. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00 .....	1.40	10.00	35.00
<b>Michell's Hybrid Early Giant.</b> 62 days. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00 .....	1.40	10.00	35.00
<b>Michell's Hybrid Mr. Big.</b> 72 days. Fruits are globular and slightly flattened, bright red, solid fleshed and excellent flavor. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00 .....	1.40	10.00	35.00
<b>Hybrid Wonder Boy.</b> 68 days. A new hybrid va- riety bred for extremely large size fruits and heavy yield. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00 .....	1.40	10.00	35.00

### Forcing Tomatoes

	1/16oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
<b>Selandia.</b> Very resistant to disease; early and prolific. The fruits are round, bright red.....	Tr. pkt.	80c	\$1.50	\$2.50	\$4.50 \$8.00 \$15.00
<b>Michigan State Forcing.</b> 75 days .....			$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
			\$0.80	\$1.50	\$4.50

## MICHELL'S LAWN SEED

### "40% MERION MIXTURE"

For a lawn that stays greener in the summer, produces a thicker turf and withstands closer mowing. Will plant  $2\frac{1}{2}$  times the area of regular grass seed.

Lb. (24 per case) \$39.60; retail, \$2.45. 5 lbs. (12 per case) \$96.00;  
retail, \$11.95. 25 lbs. \$38.85; 100 lbs. \$155.00.

### "GREEN VELVET"

A blend of strong and permanent grasses suitable for the finest lawn. With proper care this mixture will produce a fine, deep-rooted turf, sturdy enough to withstand constant use.

Lb. (24 per case) \$24.00; retail, \$1.55.  
5 lbs. (12 per case) \$60.00; retail, \$7.45.  
25 lbs. \$23.85; 100 lbs. \$93.50.

### "EVERGREEN"

This mixture will produce a very desirable turf of fine-bladed, hardy grasses capable of withstanding considerable wear and periodic dry spells.

Lb. (24 per case) \$21.60; retail, \$1.35.  
5 lbs. (12 per case) \$51.60; retail, \$6.45.  
25 lbs. \$20.50; 100 lbs. \$80.00.

### "FAIRMOUNT PARK"

A mixture meeting the requirements of those desiring a moderately priced grass seed. Satisfactory for the average lawn.

Lb. (24 per case) \$15.60; retail, 98c. 5 lbs. (12 per case) \$37.80;  
retail, \$4.70. 25 lbs. \$14.70; 100 lbs. \$56.50.

### "SHADED LAWN"

Will produce a healthy turf in heavily shaded places where other grasses may not survive.

Lb. (24 per case) \$21.60; retail, \$1.35. 5 lbs. (12 per case) \$51.60;  
retail, \$6.45. 25 lbs. \$20.50; 100 lbs. \$80.00.

### Grasses in Separate Varieties

	100 lbs.
<b>Colonial Bent, Certified Blue Tag</b> .....	\$ 60.00
<b>Seaside Bent, Certified Blue Tag</b> .....	130.00
<b>Highland Bent, Certified Blue Tag</b> .....	38.00
<b>Astoria Bent, Certified Blue Tag</b> .....	60.00
<b>Kentucky Blue Fancy</b> .....	52.00
<b>Merion Blue</b> .....	230.00
<b>Kentucky-31 Fescue</b> .....	22.00
<b>Chewings Fescue</b> .....	54.00
<b>Creeping Red Fescue</b> .....	48.00
<b>Poa Trivialis</b> .....	42.00
<b>Red Top Fancy</b> .....	45.00
<b>Rye, Domestic</b> .....	17.00
<b>Rye, Perennial</b> .....	23.00

Special Quantity Prices Will Be Given on Large Orders.  
ALL PRICES SUBJECT TO MARKET CHANGE.

### WHITE DUTCH CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired.

$\frac{1}{4}$  lb. (24 per case) \$10.80; retail, 65c.  $\frac{1}{2}$  lb. (24 per case) \$18.00;  
retail, \$1.15. Lb. (12 per case) \$13.80; retail, \$1.75. 5 lbs. \$5.75;  
10 lbs. \$11.30; 25 lbs. \$27.70.



# Michell's

# Top Quality Bulbs

## BEGONIAS - Tuberous Rooted

(December-May Delivery)

Start forcing January, February or March, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.

### DOUBLE CAMELLIA-FLOWERED

#### BELGIAN GROWN

Delivery—December, January.

Orange, Pink, Salmon, Rose, Scarlet, Yellow, White, and Mixed

#### CALIFORNIA GROWN

(Double Ruffled Type)

Delivery—January-February

White, Pink, Scarlet, Orange, Yellow, Salmon, Apricot, and Mixed

#### PRICES

	25	100	1000		25	100	1000
1¼-1½ in.	\$2.00	\$ 6.25	\$ 52.00	1¼-1½ in.	\$3.00	\$10.50	\$ 95.00
1½-2 in.	3.00	11.00	95.00	1½-2 in.	4.50	15.00	140.00
2 -2½ in.	4.50	16.00	145.00	2 -2½ in.	5.50	19.50	185.00

### DOUBLE CARNATION-FLOWERED

#### CALIFORNIA GROWN

Available in a mixture only. Contains every color grown.

	25	100	1000
1½-2 in.	\$5.50	\$18.50	\$165.00
2 -2½ in.	6.50	23.50	210.00

### PENDULA or HANGING BASKET TYPE

(California Grown)

Available in mixed colors only.

1½ to 2 inches: 25 for \$5.50; \$18.50 per 100; \$165.00 per 1000.

2 in. up: 25 for \$6.50; \$23.50 per 100; \$210.00 per 1000.

### SINGLE CRISPA or FRILLED, MIXED

(California Grown)

1½ to 2 inches: 25 for \$5.50; \$18.50 per 100; \$165.00 per 1000.

2 in. up: 25 for \$6.50; \$23.50 per 100; \$210.00 per 1000.



TUBEROUS BEGONIA

## Novelty BEGONIAS

We can supply limited quantities of the following novelty types of California-Grown Begonias:

	Marginata	Picotee	Multiflora	Daffodil
Prices:				25 100
2-2½ in.				\$6.50 \$23.50

## CULTURE

Start forcing February, March or April, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.



GLOXINIA

## GLOXINIAS

(October-April Delivery)

An ideal pot plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price.

**Blanche de Meru.** Pink.

**Emperor Frederick.** Enormous red flowers bordered white.

**Emperor William.** Purple, bordered white.

**Etoile de Feu.** Scarlet.

**Mont Blanc.** White.

**Roi des Rouges.** Dark red.

**Tigrina.** Tigered and spotted.

**Violacea.** Purple.

**Choice Mixed Colors.**

1½- to 2-in. bulbs

25 for \$4.50; 100 for \$16.00; 1000 for \$150.00.

2- to 2½-in. bulbs

25 for \$6.00; 100 for \$22.50; 1000 for \$210.00.

## GLOXINIA CULTURE

Start bulbs in 4-inch pots using a mixture of leaf mold, sand, and a little well rotted cow manure with good bottom heat. As the leaves appear keep shaded and be very careful with the watering. It might be safer to use a watering can and examine each plant and do not water unless necessary. However, they like a moist soil, so make sure they do not get dry. Keep leaves dry although on a hot day they may be moistened early in morning, but do not wet them every day or you will lose them. While they want a little shade do not overdo it or you will get all foliage and no flower.



# DISPLAY CASES FOR RETAIL SALES

Summer Flowering Bulbs for Spring Planting  
Available for Delivery First Week in March

(First Week of February for Southern Areas)

We are offering below a complete assortment of Spring Bulb Display Cases which will enable you to carry a wider assortment of material without any larger increase in your inventory.

Each unit is complete with planting instructions and advertising material, and all bulbs are of top quality and size—just open the case and you are ready for business.



## GLADIOLUS—Top Size, Jumbo Bulbs

### Collection No. 1

700 bulbs—175 each of the following four varieties:

**Lavender Dream.** Lavender. **Firebird.** Geranium-red.  
**Cinderella.** Pink. **Snow Princess.** Pure white.

Approximate weight per case 70 lbs.

Average cost per bulb, .04½ each; suggested retail, \$1.25 dozen.  
Your profit per case, \$41.00. Your cost, \$32.50.

### Collection No. 2

700 bulbs—175 each of the following four varieties:

**Atlantic.** Garnet-red. **Hawaii.** Mahogany-red.  
**Pacific.** Pink. **Vanguard.** White with red blotch.

Approximate weight per case 70 lbs.

Average cost per bulb, .04½ each; suggested retail, \$1.25 dozen.  
Your profit per case, \$41.00. Your cost, \$32.50.

### Collection No. 3

700 bulbs—175 each of the following four varieties:

**Memorial Day.** Rosy magenta. **Ruffled Champion.** Ruffled pink.  
**Sans Souci.** Scarlet. **Flower Song.** Yellow.

Approximate weight per case 70 lbs.

Average cost per bulb, .04½ each; suggested retail, \$1.25 dozen.  
Your profit per case, \$41.00. Your cost, \$32.50.

## PACKAGED GLADIOLUS

### 12 Jumbo Bulbs—Mixed Colors

In attractive colored polyethylene bag. Packed 25 bags to the carton, with four-color display poster included.

Approximate weight 30 lbs.

Cost per package, .60; suggested retail, \$1.25.  
Your profit per case \$16.25. Your cost, \$15.00.

## BEGONIAS—Imported

### Camellia-Flowered Collection

300 Jumbo bulbs—50 each of the following six colors:

**Red** **Pink** **Yellow**  
**White** **Orange** **Dark Red**

Approximate weight per case 60 lbs.

Average cost per bulb .17 each; suggested retail, \$3.75 dozen.  
Your profit per case, \$42.25. Your cost, \$51.50.

### Carnation-Flowered Collection

300 Jumbo bulbs—50 each of the following six colors:

**Red** **Pink** **Yellow**  
**White** **Orange** **Dark Red**

Approximate weight per case 60 lbs.

Average cost per bulb .17 each; suggested retail, \$3.75 dozen.  
Your profit per case, \$42.25. Your cost, \$51.50.

## BEGONIAS—California-Grown

### Double Camellia or Ruffled Collection

150 2- to 2½-in. bulbs—30 each of five colors.

Approximate weight per case 60 lbs.

Average cost per bulb, .21½ each; suggested retail, \$4.50 dozen.  
Your profit per case \$23.75. Your cost, \$32.50.

200 1½- to 2-in. bulbs—40 each of five colors.

Approximate weight per case 60 lbs.

Average cost per bulb, .16¼ each; suggested retail, \$3.50 dozen.  
Your profit per case, \$25.87. Your cost, \$32.50.

## CALADIUMS

### Fancy Leaved Collection

150 1½- to 2½-in. bulbs—25 each of six popular varieties.

Display case measures 23x7x15 inches, with a colored streamer laminated to the inside cover illustrating the respective varieties.

Approximate weight per case 35 lbs.

Average cost per bulb, .181/3 each; suggested retail, .35.  
Your profit per case, \$25.00. Your cost, \$27.50.

## HARDY LILIES

These collections consist of the best and most popular Lilies packed in special cases, with partitions between the varieties.

### Popular Collection

80 9- to 10-in. bulbs as follows:

**20 Improved Regale** **20 Speciosum Rubrum**  
**40 Croft (Easter Lily)**

Approximate weight per case 50 lbs.

Average cost per bulb, .43½ each; suggested retail, .70 each.  
Your profit per case, \$21.00. Your cost, \$35.00.

### Selected Collection

100 8- to 9-in. bulbs—25 each of the following four varieties:

**Improved Regale** **Henry**  
**Orange Triumph** **Speciosum Rubrum**

Approximate weight per case 40 lbs.

Average cost per bulb, .32½ each; suggested retail, .60 each.  
Your profit per case, \$27.50. Your cost, \$32.50.

## DAHLIAS

### Decorative Collection

120 top size undivided tubers—30 each of the following varieties:

**Red Master.** Red. **Golden Leader.** Yellow.  
**Pink Delight.** Pink. **Blizzard.** White.

Approximate weight per case 50 lbs.

Average cost per tuber, .24½ each; suggested retail, .50 each.  
Your profit per case, \$30.50. Your cost, \$29.50.

### Cactus Collection

120 top size, undivided tubers—30 each of the following four varieties:

**Firefly.** Red. **Rose Tendre.** Pink.  
**Purity.** White. **Rising Sun.** Yellow.

Approximate weight per case 50 lbs.

Average cost per tuber, .246 each; suggested retail, .50 each.  
Your profit per case, \$30.50. Your cost, \$29.50.

### Pompon Collection

120 top size, undivided tubers—30 each of the following four colors:

**Red** **Pink** **Yellow** **White** Purple and Lavender (10 each)

Approximate weight per case 50 lbs.

Average cost per tuber, .24½ each; suggested retail, .50 each.  
Your profit per case, \$30.50. Your cost, \$29.50.





Fancy  
Leaved

# CALADIUMS

Place Your Order Now for Delivery Throughout the Year

The popularity of Caladiums has increased rapidly in the past few years and we feel confident it will continue.

Caladiums are not only being used more for Easter and Mother's Day, but many growers are planting them every month from December till September. Bulbs planted after June 1 are usually salable within 6-8 weeks.

The following is a selected list of the better Caladium varieties available today. These are the popular favorites that have proven their worth to the leading wholesale pot plant growers throughout the country.



FANCY-LEAVED CALADIUMS

	25	100	1000
Mammoth. 3½ in and up .....	\$10.00	\$37.50	\$350.00
Jumbo. 2½ to 3½ in. ....	7.50	27.50	260.00
No. 1. 1½ to 2½ in. ....	5.50	18.00	170.00
No. 2. 1 to 1½ in. ....	3.00	11.00	100.00

Write for Illustrated Color Folder with Complete List of Varieties.

## WHITE SHADES

**Aaron.** Cream-white with green border; medium tall, adequate leafer.

**\*Candidum.** Showy white leaf, slightly traced with dark green veins. The most popular Caladium today. Medium height, extremely heavy leafer.

**Improved Marie Moir.** Showy white leaf with scattered bright red spots, slightly traced with dark green veins. Medium large leaves.

## RED SHADES

**Dr. T. L. Meade.** A striking dark red-bronze. Very popular, in a class by itself. Medium height and heavy leafer.

**Festivia.** Bright rose-red with green veins. Does best in warm weather. Improvement over Lord Derby with deeper color and leaves do not crinkle.

**Freida Hemple.** Most popular red Caladium today. Low growing, extremely compact and very heavy leafer. Glossy red heart surrounded by green border. This should be included on every order.

**Itacapus.** Metallic red with slightly traced dark green ribs. An old favorite, still extremely popular. Medium tall with large leaves.

**Lord Rosebury.** Light red-rose center with light green border. Very compact and low growing. Extremely heavy leafer. A limited quantity should be included on all orders.

**Pocile Anglais.** Red heart with broad, moss-green border; scarlet veins. Compact, low-growing, very heavy leafer.

**Ruby Smith.** Bright red with green blotchings. Medium height and good leafer.

**Thomas Tomlinson.** Glossy moss-green leaves; transparent lacquered in center. Old variety, still popular. Low growing, compact, very heavy leafer. Does best when grown fast at high temperatures.

## PINK SHADES

**Carolyn Wharton.** Colorful pink blotched variety with dark green etchings. Relatively new, medium low growing; adequate leafer.

**Dr. Groover.** Rose-pink with green blotchings. Medium to low growing, good leafer.

**Fannie Munson.** Light pink with darker veins. Large leaves, medium height. Does best in warm weather.

**Freckles.** Popular new pink. Small leaves, extremely bushy. Dark pink ribbings and light pink blotches. Low compact grower.

**Gail Dee.** Light pink with green blotchings. Medium height and good leafer.

**Kathleen.** New, popular variety. Very light pink center surrounded by light green margin. Low, compact, small leaves, heavy producer.

**Pink Beauty.** Pink with green blotchings, and dark red ribbing. Small leaf, low growing and good producer.

New Crop Ready in December.

# CANNA ROOTS

(January-April Delivery)  
Large-Flowering—Extra Strong

Our Canna roots are healthy, strong northern grown stock. They are absolutely true to name and contain plenty of eyes. The varieties listed below have proven to be the best for large-flowering, exhibition type blooms.

**Ambassador.** A brilliant cherry-red with bronze foliage. An extra good flower that blooms early. Grows about 4 feet.

**City of Portland.** Large, deep, glowing pink. Profuse bloomer with green foliage 3½ feet high. Will not fade.

**Hungaria.** Large flowers of a rich peach-blossom-pink. Growing habit is compact with green foliage about 3½ feet high.

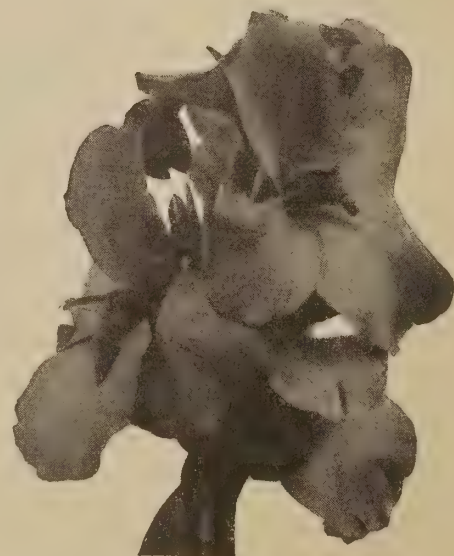
**King Humbert.** One of the greatest favorites in Cannas. Flower heads of brilliant scarlet on bronze foliage of 4½ feet. Majestic in growth and appearance.

**Richard Wallace.** Beautiful light yellow flowers on green foliage about 4½ feet. Good bloomer that makes an attractive plant.

**The President.** One of the most popular of all Cannas. Large flowering scarlet flowers with deep green foliage. The leading red variety in quantity and quality of blooms. A top notch performer. Foliage does not burn in the hottest weather. 4 feet.

**Yellow King Humbert.** Gorgeous flowers of rich golden yellow, spotted with bright red. Very beautiful and striking. Green foliage. 4½ feet.

Each of the above: 25 for \$2.25; 100 for \$7.00; 1000 for \$60.00.





# Top Quality GLADIOLUS

(January-June Delivery)

## American Grown

Minimum Order 100 Bulbs of a Variety

All Bulbs are High Crown, Clean and Free From Disease and Thrip

### PINK, SALMON and ROSE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
<b>Ethel Cave Cole.</b> Large, light pink .....	\$3.30	\$30.00	\$2.65	\$24.00
<b>Friendship.</b> Early, medium pink, nicely ruffled .....	3.30	30.00	2.65	24.00
<b>Leeuwenhorst.</b> Early, large light rose-pink .....	3.30	30.00	2.65	24.00
<b>Picardy.</b> Delicate apricot-pink .....	4.00	37.50	3.30	30.00
<b>Polynesia.</b> Pure salmon, yellow throat .....	4.00	37.50	3.30	30.00
<b>Rosa Van Lima.</b> Apple-blossom-pink, large .....	3.30	30.00	2.65	24.00
<b>Spic and Span.</b> Ruffled bright pink .....	3.85	36.00	3.30	30.00
<b>Tivoli.</b> Salmon-rose-pink .....	3.30	30.00	2.65	24.00

### RED and MAROON

<b>Boulogne.</b> Silky wine-red .....	3.30	30.00	2.65	24.00
<b>Burma.</b> Giant deep rose-red, heavily ruffled .....	4.00	37.50	3.30	30.00
<b>Pallet.</b> Scarlet with blue throat .....	3.30	30.00	2.65	24.00
<b>Red Charm.</b> Bright medium red .....	3.30	30.00	2.65	24.00
<b>Red Radiance.</b> Huge bright scarlet, superior to Red Wing .....	4.00	37.50	3.30	30.00
<b>Sans Souci.</b> Tall rugged grower, color similar to Red Charm .....	3.30	30.00	2.65	24.00
<b>Valeria.</b> Clear red with silky sheen .....	3.60	33.00	2.85	26.00

### WHITE and CREAM

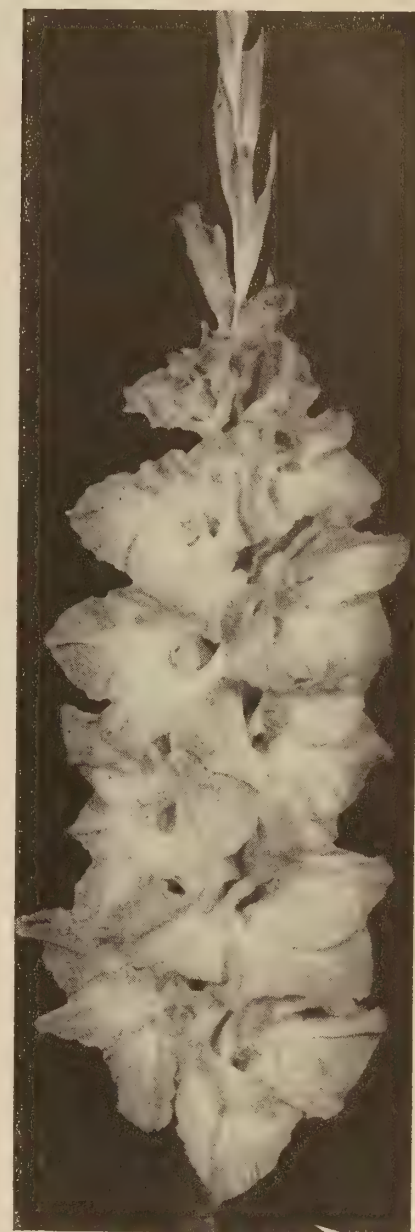
<b>Florence Nightingale.</b> Best white, slightly ruffled .....	3.30	30.00	2.65	24.00
<b>June Bells.</b> Large white, excellent variety .....	3.30	30.00	2.65	24.00
<b>Margaret Beaton.</b> Clear white, orange-red blotch .....	3.30	30.00	2.65	24.00
<b>Mother Fischer.</b> One of the most outstanding whites .....	3.75	35.00	3.00	28.00
<b>Polygon.</b> Cream with red throat, superior to Salman's Glory .....	3.30	30.00	2.65	24.00
<b>Snow Princess.</b> Pure white, similar to Maid of Orleans .....	3.30	30.00	2.65	24.00

### YELLOW and ORANGE

<b>Gatineau.</b> Large orange, golden throat. Superior to Betty Duncan .....	3.30	30.00	2.65	24.50
<b>Gene.</b> Ruffled medium yellow .....	3.30	30.00	2.65	24.00
<b>Hopman's Glory.</b> Popular yellow .....	3.30	30.00	2.65	24.00
<b>Pactolus.</b> Apricot-cream, orange-red blotches .....	3.30	30.00	2.65	24.00
<b>Patrol.</b> Clear apricot with yellow throat .....	4.00	37.50	3.30	30.00
<b>Spotlight.</b> Pure yellow with scarlet blotch in throat .....	4.00	37.50	3.30	30.00

### LAVENDER, BLUE and PURPLE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
<b>Benjamin Britten.</b> Deep lavender, white stripe .....	\$3.30	\$30.00	\$2.65	\$24.00
<b>Elizabeth the Queen.</b> Light lavender with deeper throat .....	3.30	30.00	2.65	24.00
<b>The Rajah.</b> Outstanding new deep purple. ....	3.75	35.00	3.00	28.00



LEEUEWENHORST

### SMOKY

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
<b>Dusk.</b> Smoky old rose with distinctive cream lines .....	\$4.00	\$37.50	\$3.30	\$30.00

### MIXED

<b>Michell's Giant Flowering</b> .....	3.30	30.00	2.50	22.50
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### MICHELL'S GLADIOLUS COMBINATIONS

We suggest planting every two weeks to assure succession of bloom.

Each variety separately packed and labeled in a complete color range.

#### For Cut Flowers

Elizabeth the Queen	Snow Princess
Friendship	Spic and Span
Gene	The Rajah
Mother Fischer	Tivoli
Sans Souci	Valeria

1,000 bulbs—100 each above 10 varieties—Special Price \$31.50.

#### For the Home Garden

Burma	Friendship
Boulogne	Spic and Span
Dusk	Spotlight
Florence Nightingale	The Rajah

800 bulbs—100 each of above 8 varieties—Special Price \$26.50.



# Michell's Superior Lilies

Each year, every effort is made to secure for our customers a selection of the best strains of Lily bulbs which measure up to MICHELL'S traditionally high standards.

Place your order with us in confidence, and be assured the finest quality. In order that we may reserve some of our best stock for you this fall, we suggest that you check your needs, and place your order NOW.

These prices do not apply to Lilies shipped in fall 1959.



CROFT LILIES

## CROFT LILIES

(November-January Delivery)

A sturdy plant with luxuriant foliage, it is free flowering, with enormous, well developed blooms of long lasting quality.

	Case
7 to 8 inch, 250 bulbs per case	\$60.00
8 to 9 inch, 200 bulbs per case	80.00
9 to 10 inch, 150 bulbs per case	72.00
10 inch and up, 100 bulbs per case	60.00

## "HARDY" LILIES

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms.

### Lilium Auratum

(January-April Delivery)

(Gold-Band Lily)

Pure white spotted crimson marked in the center with a band of yellow. Fragrant.

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	28.00	35.00
10 to 11 inch, 100 bulbs per case	9.50		35.00
11 to 13 inch, 90 bulbs per case	10.00		32.50

### Lilium Speciosum Rubrum

(Japanese-Grown)

(January-June Delivery)

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	27.50	35.00
10 to 11 inch, 100 bulbs per case	9.75		35.00
11 to 13 inch, 90 bulbs per case	10.50		35.00
13 to 15 inch, 50 bulbs per case	20.00		35.00

### Lilium Regale

(November-April Delivery)

	25	100	Case
6 to 7 inch, 400 bulbs per case	\$4.50	\$15.00	\$52.00
7 to 8 inch, 250 bulbs per case	5.50	20.00	43.00
8 to 9 inch, 200 bulbs per case	6.25	23.00	42.00
9 to 10 inch, 150 bulbs per case	7.75	29.00	40.00
10 to 11 inch, 100 bulbs per case	9.00		33.50

**Fire King.** (October-April Delivery.) Orange-red; large blooms. 13.50 50.00

### Lily-of-the-Valley Pips

(October-April Delivery)

**Outdoor planting only.** Bundles contain 25 pips, with good root growth. 25 for \$1.50; \$5.00 per 100; \$40.00 per 1000.

ALL PRICES SUBJECT TO MARKET CHANGES

## ACE LILIES

(November-January Delivery)

Similar in color and habit to the Lilium Croft with luxuriant darker green foliage. A very strong grower and prolific bloomer.

	Case
7 to 8 in., 250 bulbs per case	\$80.00
8 to 9 in., 200 bulbs per case	92.50
9 to 10 in., 150 bulbs per case	82.50

## LILIUM ESTATE

(November-April Delivery)

The ideal forcing Lily for cut; also, recommended for outdoor planting.

	Case
7 to 8 inch, 250 bulbs per case	\$60.00
8 to 9 inch, 200 bulbs per case	70.00
9 to 10 inch, 150 bulbs per case	Sold out

## ERABU LILIES

Grown in Japan.

(September-January Delivery)

	Case
7 to 9 inch, 300 bulbs per case	\$39.00
8 to 10 inch, 225 bulbs per case	37.00
9 to 10 inch, 200 bulbs per case	Sold out
10 to 11 inch, 150 bulbs per case	Sold out

## GEORGIA LILIES

(September-April Delivery)

Large trumpets of pure white, heavy texture. Tall and strong growers. Very free flowering; produces lots of blooms even from small bulbs. Likes cool temperatures. Ideal for cut flowers.

	Case
5 to 6 in., 350 bulbs per case	
6 to 7 in., 250 bulbs per case	
7 to 8 in., 200 bulbs per case	Sold out
8 to 9 in., 150 bulbs per case	

## Lilium Formosanum—White Excelsior

(October-April Delivery)

Fragrant, pure white flowers resemble an Easter Lily.

	25	100	1000
4 to 5 inch	\$3.50	\$11.50	\$98.50
5 to 6 inch	4.00	13.50	125.00

**Tenuifolium.** (Coral Lily.) October-April delivery.

Clusters of brilliant scarlet, star-like flowers on wiry stems 1½ ft. high.

	2.00	6.00	50.00
3 to 4 inch			
4 in. up	2.50	8.00	65.00

## CALLA LILIES

(November-May Delivery)

These make excellent pot plants, which always find a ready sale.

### Yellow Calla (Elliottiana) (True)

	25	100	1000
1¾ to 2 in.	\$ 3.75	\$12.50	\$112.50
2 to 2½ in.	4.25	15.00	125.00
2½ to 3 in.	8.75	33.50	310.00
3 in up	15.00	50.00	450.00

### Pink Calla (Rehmanii)

Grows a foot tall. Long lasting, rose-pink flowers.

	25	100	1000
2½ in. up	\$7.50	\$27.50	\$250.00

### Spotted Calla (Alba Maculata)

Flowers white. Foliage green, spotted white.

	25	100	1000
2-2½ in.	\$5.00	\$17.50	\$165.00





AMARYLLIS

## AMARYLLIS

### Michell's American Hybrids

Ready for Delivery October through April

We consider this strain one of the best on the market. Every florist should grow some of these, as there is a tremendous demand for them as a pot plant as well as for dry sales.

	10	25	100
3½-3¾ inch	\$6.25	\$14.50	\$55.00
3 -3¼ inch	5.00	11.00	42.50
2½-2¾ inch	2.50	5.50	20.00

### Michell Dutch Hybrids

(Delivery November-March)

We can offer a limited number per customer of these named to color bulbs. An extra select strain of truly magnificent bulbs that produce gigantic flowers. Available in White, Scarlet, Salmon, Orange, and Striped.

	10	25
30-32 ctm. bulbs	\$27.50	\$66.25

### Halli (Hardy Amaryllis)

(September-April Delivery)

	25	100
Clusters of delicate pink flowers	\$5.00	\$17.50

## CALADIUM ESCULENTUM

### (Elephant's Ear)

(January-April Delivery)

	25	100
7 to 9 in.	\$3.50	\$12.00
9 to 11 in.	5.00	17.50

## GLORIOSA ROTHSCILDIANA SUPERBA

Available every month of the year.

Reaches a height of 6 to 8 feet and produces large, gorgeous, Lily-like flowers which open bright yellow, but change to a deep scarlet.

	10	25	100
4 to 5 in.	\$4.00	\$ 8.75	\$32.50
5 to 6 in.	5.00	11.00	40.00
6 to 7 in.	5.75	13.25	50.00
7 in. up	7.00	16.75	65.00

## TIGRIDIA PAVONIA

### (Mexican Shell-Flower)

(January-May Delivery)

Colors vary from pure white to gold and vivid scarlet—all deeply blotched.

	25	100	1000
Hybrids, Mixed. Jumbo	\$2.50	\$8.50	\$75.00

## TUBEROSES

(January-May Delivery)

Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	25	100	1000
Albino or Mexican. Single; white. 1st size	\$1.75	\$6.00	\$56.50

Double Pearl. Double white.

First-size bulbs, 4 to 6 inch	1.75	6.00	56.50
Top-size bulbs, 6 to 8 inch	3.50	12.00	100.00

# DAHLIAS

(December-May Delivery)

Large Flowering

## Decorative Varieties

I.D., Informal Decorative; F.D., Formal Decorative.

	10	100
Arthur Godfrey. F.D. Large flowers. Red and buff	\$5.75	\$52.00
California Idol. I.D. Large, clear bright yellow	4.00	35.00
Commando. F.D. Deep lavender, garden variety	3.25	25.00
D. Day. F.D. Solid colored true pink commercial	3.25	25.00
Deep Velvet. F.D. Rich carmine with dark velvety sheen	5.75	52.00
Florist Beauty. F.D. Bi-color. Purple with white tips	4.00	35.00
Francis La Rocco Improved. F.D. Deep yellow	2.75	20.00
Gallant Fox. F.D. Leading commercial red. Withstands hot weather	2.50	17.50
Golden Eclipse. F.D. Old favorite, golden yellow shading to warm salmon	2.50	17.50
Jane Cowl. I.D. Large shaggy flowers of copper and gold	4.00	35.00
Jean Kerr. F.D. Popular commercial white	2.00	15.00
Jersey's Beauty. F.D. Outstanding commercial pink	3.50	27.50
Jersey's White Beauty. F.D. Pure white, good keeper	2.75	20.00
Kelvin. I.D. Large flowers, peach-pink	5.75	52.00
Mrs. George LeBoutellier. I.D. Rich velvety carmine	2.50	17.50
Mrs. James Albin. F.D. Soft lemon-yellow	3.25	25.00
Sherwood Peach. I.D. Large, orange-apricot	4.00	35.00
Watchung Giant. I.D. Deep amber-yellow. Good stems	2.50	17.50
White King. F.D. Leading commercial white	2.50	17.50

## Cactus Varieties

C., Cactus; S.C., Semi-Cactus; I.C., Incurred Cactus.

	10	100
Broeder Justinus. S.C. Autumnal orange-yellow. Good commercial variety	\$4.00	\$55.00
General J. J. Pershing. S.C. Coral and jasper-red with chrome finish	5.75	52.00
Her Grace. C. Outstanding true pink cactus. Free flowering	4.75	40.00
Madame Elizabeth Sawyer. C. Finest lavender cactus	4.00	35.00
Sheik. S.C. Pink shading to cream-white	4.00	35.00
Skyrocket. S.C. Bright scarlet. Large flowers with perfect form	5.50	47.50
White Superior. C. Large pure white with perfect form	4.00	35.00
Yellow Star. C. Outstanding pure yellow. Free flowering, wiry stem	4.00	35.00

## Pompon Varieties

	10	100
Betty Ann. A nice soft pink	\$3.25	\$27.50
Bronze Beauty. Bronze and old gold. Good commercial variety	2.25	17.50
Cardinal. Tall growing, medium size deep red flowers	2.25	17.50
Little Herman. Red and white bicolor. Perfect form and shape	2.25	17.50
Little Snow White. Finest white pompon	3.25	27.50
Morning Mist. White tipped lavender	2.00	15.00
Rothout. Deep scarlet, long strong stems	2.50	20.00
Sherry. Deep petunia-purple, very attractive	3.00	25.00
Yellow Gem. Creamy yellow, considered best in its color	2.00	15.00

## Miniature Varieties

	10	100
Andries Orange. Bright orange miniature cactus	\$2.75	\$25.00
Bishop of Llandaff. Bright scarlet, bronze foliage	2.75	25.00
Corinna. Canary-yellow. Formal decorative	2.50	22.50
Dainty Ball. Delicate lavender. Free flowering	2.75	25.00
Ike. Rich red, very profuse	2.25	20.00
Little Roseata. One of the best cut flower miniatures. Soft pink	2.50	22.50
Sandra. Red and white formal bicolor	2.75	25.00
White Fawn. Finest white decorative. Free flowering	2.00	17.50

Easter March 29, 1959  
Mother's Day May 10th, 1959



# Michell's TROPICAL

Within the past few years more emphasis has been placed on Tropical Foliage Plants than many of us realize. Foliage plants are part of our life, being used more every day in industrial buildings, offices and homes.

The demand for top quality material in many plants is often greater than the supply, so future and standing orders are suggested whenever possible to insure your receiving top quality material when you want it.

Our foliage plants are supplied by specialized growers and shippers in Florida and Puerto Rico, and are periodically inspected by our buyers and salesmen.

Foliage plants originated in the tropics and this should be given prime consideration to grow them successfully. Temperatures should not be lower than 70° F, preferably 75° F. On receiving raw stock

never place it in a 50 or 60° house. A setback will result and the plants will recover slowly, if at all. Grow at a high temperature to become saleable sooner.

A high humidity of 75 to 80 per cent is desirable for the majority (Peperomia, Sansevieria, Cacti and Succulents excepted). Light intensity should be about 1000 foot candles, (a greenhouse that is shaded as for Saintpaulia).

Tropical foliage plants grow in a native habitat which usually has a thick ground cover of organic matter. So pot them in a soil mixture high in organic matter. Half of the mixture should be acid peat or leaf mold. A complete fertilizer should be added to the mixture also and light applications of liquid nitrogenous fertilizers are desirable for good growth. Upon receipt of rooted cuttings or small potted plants, pot in a moist soil and do not water immediately. Wait until some new roots have developed which should be in a few days.

## From Puerto Rico

### AGLAONEMA

<b>Commutatum</b> (Variegated Evergreen).		
	100	1000
4-6 in. URC	\$12.00	\$105.00
6-8 in. URC	13.00	120.00
2 1/4-in. pots	19.00	170.00
<b>Marantifolia.</b>		
8-12 in. URC	24.00	200.00
<b>Roebelinii</b> (Schismatoglottis).		
6-8 in. URC	30.00	275.00
8-12 in. URC	40.00	350.00
12-15 in. URC	47.50	425.00
<b>Simplex</b> (Chinese Evergreen).		
Unrooted cuttings.		
4-6 in.	6.25	55.00
6-8 in.	7.50	67.50
8-10 in.	9.50	80.00
10-12 in.	10.50	95.00
12-15 in.	12.00	105.00
RC in foil, 6-8 in.	12.00	100.00
RC in foil, 8-12 in.	14.00	120.00
<b>Treubi.</b>		
RC in foil, 6-8 in.	22.50	200.00
RC in foil, 8-10 in.	22.50	200.00
Rooted divisions, 10-15 in.	24.00	210.00

### ARALIA

<b>Balfouriana.</b>		
7-9 in. URC	7.50	65.00

### ASPIDISTRA

Rooted Leaf. 12-15 in.	5.50	50.00
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### CROTONS

URC, 8-10 in.	75.00	
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### CRYPTANTHUS

<b>Terminalis.</b>		
Unrooted cuttings.		
4-6 in.	5.50	47.50
6-8 in.	7.00	55.00
8-12 in.	7.50	67.50
1 1/4-in. pots	10.00	90.00



DRACAENA MASSANGEANA  
and  
PHILODENDRON  
CORDATUM

## Puerto Rico U. S. A.

6 Hours  
From New York  
4 Hours From Miami

Direct Air Service  
to Major Cities  
of Midwest

### DRACAENA

<b>Godseffiana.</b>		
Unrooted cuttings.		
4-6 in.	\$ 6.25	\$ 52.50
6-8 in.	7.00	60.00
8-12 in.	7.50	65.00
Rooted Cuttings, 6-8 in.	9.50	80.00
2-in. pots, 2 tips	17.00	150.00
2-in. pots, 3 tips	18.00	160.00

<b>Sanderiana.</b>		
Unrooted cuttings.		
3-4 in.	7.50	67.50
4-6 in.	8.00	70.00
6-8 in.	8.00	70.00
8-12 in.	8.00	70.00
<b>Rooted Cuttings.</b>		
4-6 in.	10.00	85.00
6-8 in.	10.00	85.00
8-12 in.	10.00	85.00
1 1/4-in. pots (4-6 or 6-8)	12.00	110.00

<b>Kelleriana.</b>		
4-6 in. URC	8.25	67.50
6-8 in. URC	9.50	80.00

<b>Marginata.</b>		
6-8 in. URC	12.00	100.00

<b>Massangeana.</b>		
8-12 in. URC	22.00	190.00
2 1/4-in. pots	27.50	250.00

<b>Warnecki.</b> Unrooted cuttings.		
6-8 in.	19.50	175.00
8-12 in.	24.00	210.00
12-15 in.	28.00	250.00
15-18 in.	32.00	280.00
<b>Rooted Cuttings.</b>		
8-12 in.	32.00	280.00
2 1/4-in. pots	33.50	300.00



AGLAONEMA COMMUTATUM



DRACAENA SANDERIANA



DRACAENA GODSEFFIANA



DRACAENA WARNECKI



# FOLIAGE PLANTS

## DIEFFENBACHIA

**Amoena.** 3-in. pots ..... 100 1000  
\$50.00 \$475.00

**Picta.**  
6-8 in. URC ..... 110.00  
8-12 in. URC ..... 110.00

**Roehrsi.**  
6-8 in. URC ..... 24.00 190.00  
8-12 in. URC ..... 24.00 200.00

## FICUS

### Mossed Layers

**Doescheri.** 15-18 in.  
8-9 leaves ..... 47.00 425.00

**Decora.**  
15 in., 5-6 leaves ..... 55.00 450.00  
24-28 in., 9-11 leaves ..... 80.00 700.00

**Pandurata.**  
15-18 in., 7-8 leaves ..... 67.50 600.00

## MARANTA

**Kerchoveana.**  
Unrooted cuttings ..... 7.00 62.50

## NEPHTHYTIS

**Green Gold. RC.** 3-5 leaves ..... 6.25 55.00  
2 1/4 in. .... 15.50 135.00

**Snow Queen. RC.** 3-5 leaves ..... 6.25 55.00

**Emerald Gem. RC.** 3-5 leaves ..... 6.00 50.00  
2 1/4 in. pots, 2 tips ..... 15.50 135.00

**Imperial. RC.** 3-5 leaves ..... 6.25 55.00  
2 1/4 in. .... 15.50 135.00

## PHILODENDRON

**Cordatum.** 100 1000  
Propagating Eyes, Small ..... } 2 M { \$10.00  
Eyes Medium ..... } Min. { 13.00  
Eyes Large ..... } 17.00  
Started eyes, 1500 per carton ..... 25.00  
(6,000) ..... 22.50  
2 1/4 in. pots, 3 and 4 plants ..... 17.00 150.00

**Pertusum.**  
Moss rooted cuttings.  
4-5 leaves ..... 75.00 700.00

**Panduraforma.**  
8-12 in. URC ..... 14.50 130.00  
2 1/4 in. pots, 1 tip ..... 22.50 200.00  
2 1/4 in. pots, 2 tips ..... 33.50 300.00



PHILODENDRON PERTUSUM

## PUERTO RICO

All plants on this page are grown and shipped from Puerto Rico.

## PHILODENDRON

**Hartatum.** 100 1000  
8-12 in. URC, 3-4 leaves ..... \$23.50 \$215.00  
8-12 in. URC, 4 leaves ..... 26.00 240.00  
12-15 in. URC ..... 30.00 275.00  
2 1/2 in. pots, 8-12 in. .... 30.00 275.00

**Mandianum.**  
8-12 in. URC ..... 27.50 250.00  
12-15 in. URC ..... 33.50 310.00  
2 1/4 in. pots, 8-12 in. .... 33.50 310.00

## POTHOS

**Marble Queen.**  
Propagating Eyes ..... 15.00  
Started Eyes ..... 25.00  
(6,000) ..... 22.50  
2 1/4 in. pots, 3 tips ..... 17.00 145.00

**Tri-Color.**  
Propagating Eyes ..... 15.00  
2 1/4 in. pots, 3 tips ..... 17.00 145.00  
3-in. pot, 4 and 5 plants ..... 170.00

**Wilcoxi.**  
Started Eyes (2M Min.) ..... 25.00  
(6,000) ..... 22.50  
2 1/4 in. pots ..... 17.00 145.00

## SANSEVIERIA

**COMPACTA.** 3-5 leaves.  
6-8 in. .... 11.00 90.00  
8-12 in. .... 13.00 105.00

**LAURENTI.** 2 leaves  
8-12 in. .... 7.50 57.50  
12-15 in. .... 7.50 57.50  
15-18 in. .... 7.50 57.50

**LAURENTI.** 3-5 leaves.  
6-8 in. .... 11.50 95.00  
8-12 in. .... 12.50 105.00  
12-15 in. .... 12.50 105.00  
15-18 in. .... 13.50 115.00  
18-24 in. .... 15.00 130.00  
24-30 in. .... 17.00 145.00

**ROSETTES.** 4-6 leaves.  
6-8 in. .... 12.00 100.00

**ZEYLANICA.** 3-5 leaves.  
6-8 in. .... 6.00 50.00  
8-12 in. .... 6.50 50.00  
12-15 in. .... 9.00 57.50  
15-18 in. .... 9.50 67.50

Prices F.O.B. San Juan, Puerto Rico. Specify phone number and nearest airport. Shipments go by Air Freight to Miami or New York, and then Rail Express or Air Freight to destination. Heavy shipments of CANE and SANSEVIERIA via boat. 500 of an item supplied at 1000 rate.

We suggest Puerto Rican orders total at least 1000 cuttings, or 300 potted plants, to keep shipping charges economical. Minimum order of an item 100. Special quotation on quantity orders.



POTHOS, MARBLE QUEEN



PHILODENDRON HASTATUM

## PROPAGATING MATERIAL

### DIEFFENBACHIA CANE

**Picta** ..... \$22.50 per 100 ft.; \$200.00 per 1000 ft.  
**Roehrsi** ..... \$42.50 per 100 ft.; \$400.00 per 1000 ft.

### DRACAENA CANE

**Massangeana, Fragrans.**  
\$17.00 per 100 ft.; \$145.00 per 1000 ft.

**Eugene Andre, Firebrand, Stricta, Grandis, Baptisti, Tricolor.**

\$22.00 per 100 ft.; \$190.00 per 1000.  
(Cut in specific lengths, add \$2.00 per 100 ft.)

### AGLAONEMA Simplex, CANE

\$17.00 per 100 ft.; \$135.00 per 1000 ft.

### PHILODENDRON, PROPAGATING EYES

**Micans.** (2,000 Minimum).  
\$14.00 per 1000.



FICUS DECORA





PHILODENDRON FLORIDA



CHINESE EVERGREEN



DIEFFENBACHIA PICTA



DIEFFENBACHIA ROEHRERI



PHILODENDRON PANDURAFORMA



PHILODENDRON HASTATUM



PHILODENDRON PERTUSUM

## PHILODENDRON CORDATUM

Propagating Eyes (in vine form) ..	100	1000
Started Eyes (leaf and eye) ..		\$ 13.00
(2,000 and over) ..		30.00
Rooted Cuttings. Greenhouse-grown.		27.50
2-3 large leaves ..	5.00	40.00
(2000 and over) ..		37.50
3-5 large leaves ..	7.00	60.00
(2000 and over) ..		55.00
2 1/4 in., 2 plants, large leaves ..	15.00	140.00
2 1/2 in. 3 plants, medium leaves ..		
(Plastic Pot) ..	18.00	165.00
2 1/2 in., 3 plants, large leaves ..	22.50	210.00

## PHILODENDRONS

	25	100
<b>Dubia.</b> 3 inch ..	\$0.55 ea.	\$50.00
4 inch ..	.85	75.00
<b>Florida.</b> ..	25	100
Bare Root ..	\$27.50	\$225.00
Rooted Cuttings ..	35.00	250.00
3-in. pots ..	.65 ea.	60.00
<b>Florida Compacta.</b> ..		
Bare Root ..	27.50	225.00
3-in. pots ..	.65 ea.	60.00
<b>Hastatum.</b> ..	25	100
3 inch, 3-4 leaves ..	\$0.55 ea.	\$50.00
4 inch, 4-5 leaves ..	.85 ea.	75.00
<b>Hastatum Imbe.</b> ..	25	100
Bare Root ..	\$25.00	\$200.00
3-in. pots ..	.55 ea.	50.00
<b>Laciniatum.</b> ..		
Rooted Cuttings ..	35.00	250.00
3-in. pots ..	.65 ea.	60.00
<b>Micans.</b> ..		
RC, 3-5 leaves ..	7.00	60.00
	25	100
<b>Monstera.</b> 4 inch ..	\$1.15 ea.	\$100.00
6 inch ..	1.75 ea.	
<b>Panduraforma.</b> ..		
3 inch, 2 plants ..	.55 ea.	50.00
4 inch, 3 plants ..	1.00 ea.	80.00
<b>Pertusum.</b> ..		
3 inch, 3-4 leaves ..	.55 ea.	50.00
4 inch, 3-4 leaves ..	.85 ea.	75.00
4 inch, 2 plants per pot ..	1.10 ea.	100.00
Moss rooted cuttings, 4-5 leaves ..	1.00 ea.	80.00
Moss RC, 5-6 leaves ..	1.20 ea.	100.00
<b>Selloum.</b> ..	100	1000
Bare Root ..	\$25.00	\$200.00
3-in. pots ..	50.00	450.00

## PHILODENDRON CORDATUM

3 plants per pot  
100 2 1/2-in. pots  
\$26.50, Prepaid

1000 2 1/2-in. pots  
\$245.00, Prepaid

500 at 1000 rate; min. order 100  
Put in 3-inch pot and sell immediately or pot in 3 1/2- or 4-inch and sell in a few weeks. Repeat customers in almost every state is our answer.

# POPULAR TROPICAL

All material on these two pages from Florida unless marked. (C) from California; (Pa.) from Pennsylvania.

## AGLAONEMA COMMUTATUM

2 1/4-in. pots, 4-8 leaves ..	100	1000
	\$26.00	\$250.00

## APHELANDRA, LOUISE (C)

2 1/4 in. or RC. Tip cuttings ..	50.00
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## ARALIA SIEBOLDI (C)

Seedlings, (2 1/4-in. size.) Shiny deeply cut foliage on slender trunk ..	6.75	62.50
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## BOXWOOD (C)

Transplants ..		
Select ..	6.75	62.50

## CHINESE EVERGREEN

Rooted Cuttings ..		
3-5 in., 3-6 leaves ..	8.50	75.00
4-6 in., 4-6 leaves ..	11.50	100.00
5-7 in., 4-7 leaves ..	13.50	120.00
6-8 in., 5-7 leaves ..	22.50	200.00
8-10 in., 6-8 leaves ..	27.50	250.00
10-12 in., 6-9 leaves ..	32.50	300.00
12-15 in., 6-9 leaves ..	37.50	350.00

## CRASSULA (C)

Green URC No. 0 (2 or more heads) ..	2.50	22.50
Green URC No. 1 (3-4 heads) ..	3.50	32.50
Green URC No. 2 (5 or more heads) ..	5.75	52.50
Variegated URC ..	5.75	52.50

## CROTONS

Highly Colored Assorted Varieties

3 -in. ..	Best Season 37.50 350.00 5/1 to 10/1 50.00	
3 -in. select ..		
Moss RC for 5-in. pot ..		100.00

## CROTONS (C)

Dish Garden Varieties

### Apple Leaf and Media Picta.

Rooted Cuttings ..	80.00
2 1/4-in. pots ..	13.50

## CRYPTANTHUS (Pa.)

Tri-Color. URC for 2 1/4-in. pots ..	50.00
3-in. pot ..	75.00

## BARK and POLE PLANTS

Philo. Florida Philo. Laciniatum ..	Each
24 in. high, 6-in. pots, 6 per case ..	\$2.75

36 in. high, 8-in. pots, 4 per case ..	5.50
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Philo. Panduraforma  
Philo. Hastatum  
Philo. Pertusum

36 in. high, 8-in. pots, 4 per case ..	\$ 5.25
48 in. high, 9-in. pots, 2 per case ..	7.50
60 in. high, 10- or 12-in. pots, 2 per case ..	12.00

## Philodendron Cordatum on Poles

36 in. high, 7-in. pots, 4 per case ..	\$3.50
48 in. high, 8-in. pots, 2 per case ..	4.50
Minimum order of Bark Plants, 2 cases.	





FITTONIA ARGYONEURA



FATSHEDERA LEITZEI



GEOGENANTHUS UNDULATA  
(Seersucker)



MARANTA KEROCHOVEANA

# FOLIAGE PLANTS

## DIEFFENBACHIA

	100	1000
<b>Amoena. URC</b> , 12-16 in., 3-4 leaves ..	\$42.50	\$400.00
<b>URC</b> , 18-24 in., 4 leaves ..	60.00	550.00
<b>Bausi</b> , 2 1/4 in., 64 per carton (Pa) ..	37.50	350.00
4 in. ....	80.00	
<b>Picta</b> .		
Rooted Cuttings, 6-8 in. ....	30.00	280.00
Rooted Cuttings, 8-10 in. (C) ....	42.50	
2 1/4 in. (64 per carton) (Pa) ....	27.50	250.00
3 in. ....	37.50	350.00
4 in. ....	80.00	
<b>Roehrsi</b> .		
Rooted Cuttings, 8-10 in. (C) ....	42.50	
2 1/4 in. (64 per carton) (Pa) ....	37.50	250.00
3 in. ....	40.00	
4 in. ....	80.00	
<b>Superba</b> .		
Rooted Cuttings, 8-10 in. (C) ....	62.50	

## DRACAENA

<b>Godseffiana</b> , 2 1/4-in. pots ..	16.00	
<b>RC</b> ..	11.00	100.00
<b>Sanderiana</b> , Rooted cuttings, 6-8 leaves ..	16.00	150.00
2 1/4-in. pots ..	21.00	200.00

## EUONYMUS (C)

<b>Alba Marginata</b> , RC ..	5.75	52.50
<b>Media Picta</b> , RC ..	7.25	67.50
<b>Pulchulus</b> , RC ..	5.75	52.50
<b>Silver Queen</b> , RC ..	7.25	67.50

## FATSHEDERA (C)

<b>Leitzii</b> , RC ..	7.50	70.00
<b>Variegated</b> , RC ..	12.00	110.00

## FICUS

<b>Decora</b> , Moss cuttings, 2 1/2 ft. ....	75.00	
<b>Elastica</b> , Moss cuttings, 6-8 leaves ..	35.00	320.00
<b>Doescheri</b> , Moss cuttings, 6-8 leaves ..	50.00	
<b>Pandurata</b> , 4-in. pots ..	80.00	
<b>Radicans Variegata</b> , RC ..	7.50	60.00

## FITTONIA (C)

<b>Argyoneura</b> , Rooted cuttings ..	10.00	85.00
Orders 2M and over, \$75.00 per 1000.		

## GEOGENANTHUS UNDULATA (Seersucker)

<b>RC</b> ..	20.00	180.00
<b>RC</b> , dish garden size ..	15.00	
<b>3-in. pots, 2 plants</b> ..	60.00	

## MARANTA KERCHOVEANA

<b>URC</b> , Medium ..	60.00	
<b>RC</b> , 3-7 leaves ..	9.00	75.00
2 1/4-in. pots ..	16.00	150.00

## NEANTHE BELLA PALMS

Seedlings, 1 1/2-2 leaves ..	5.50	35.00
Transplants, 3-5 leaves ..	6.50	55.00
Transplants, 4-6 leaves, 8-10 in. ....	10.00	85.00
2-in. pots ..	16.00	150.00

## NEPHTHYTIS

	100	1000
<b>Emerald Gem</b> , RC, 3-5 leaves ..	\$ 7.00	\$ 60.00
2 1/4 inch ..	11.00	100.00
2 1/2 inch, 3 plants ..	18.50	175.00
<b>Green Gold</b> , RC, 3-5 leaves ..	7.00	60.00
RC, 4-5 leaves, select ..		62.50
2 1/4 inch ..	16.00	150.00
2 1/2 inch, 3 plants ..	18.50	175.00
<b>Imperial</b> , RC ..	11.00	100.00

## PEPEROMIA

	100	1000
<b>Emerald Ripple</b> , Rooted cuttings ..	\$ 75.00	
2 1/4-inch pots ..	17.50	160.00
<b>Obtusifolia</b> , Green.		
Rooted cuttings ..	7.00	60.00
2 1/4 inch ..	11.00	100.00
<b>Variegated</b> , RC ..	11.00	100.00
2 1/4 inch ..	16.00	150.00

## PODOCARPUS

Bare root, 4-8 in. ....	5.00	37.50
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## PILEA CADIEREI

<b>Aluminum Plant</b> .		
Rooted cuttings ..	6.00	50.00
2 1/4 inch ..	16.00	150.00
<b>Dwarf Variety</b> , URC ..		45.00
<b>Dwarf Variety</b> , RC ..		75.00

## PITTIOSPORUM (C)

<b>Tobira</b> , Seedlings ..	5.75	52.50
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## POTHOS

<b>Wilcoxi</b> , Propagating eyes ..		13.00
RC, 3-5 leaves ..	7.00	60.00
2 1/4 inch, 1 plant ..	11.00	100.00
2 1/4 inch, 2 plants ..	17.00	160.00
<b>Marble Queen</b> , RC ..	12.00	110.00
2 1/4 inch ..	17.00	160.00

## SANSEVIERIA

<b>Laurentii</b> , 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in. ....	8.00	70.00
<b>Laurentii</b> , 3-5 leaves *		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in. ....	16.00	140.00
* 4-12 in., 2,000 and over, less \$15.00 per 1000.		
<b>Zeylanica</b> , 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in. ....	6.50	57.50
<b>Zeylanica</b> , 3-5 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in. ....	8.00	70.00
<b>Hahni</b> .		
Bare root for 2 1/4 in. ....	10.00	80.00
Bare root 2 1/2 in. ....	12.50	100.00
Bare root for 3 in. ....	15.00	125.00
<b>Golden Hahni</b> , Bare root for 2 1/2-in. pots ..	\$35.00	
Bare root for 3-in. pots ..	50.00	
2 1/2-in. pots ..	50.00	

## SARCOCOCCA (C)

	100	1000
<b>Ruscifolia</b> , Rooted cuttings ..	\$7.25	\$67.50

## SCHEFFLERA

Seedlings ..	6.00	40.00
Transplants ..	7.50	60.00

## TRICHOSPORUM PULCHRAUM

Rooted cuttings ..	7.50	60.00
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100 RATE: 25 same variety and size. 50 same size.  
Packing Charge: Most Florida shipments 50c per box.



NEPHTHYTIS, GREEN GOLD



PEPEROMIA, EMERALD RIPPLE



PODOCARPUS



SARCOCOCCA



# Michell's

# AZALEAS Growing On Material



SWEETHEART SUPREME

## 2 New Azaleas

**Beckii.** (Pat. No. 1699.) A beautiful, newly discovered and patented Azalea that holds its buds and retains its fresh full flowers for an unusually long period. Kurume type with growing characteristics of the Hinodegiri. Early to midseason blooming. Flowers have several large corollas telescoped one within another. Color of flower is a beautiful rose-pink which lightens as petalage develops. The deep rose colored throat is retained throughout long blossoming period.

Rooted Cuttings—Minimum order 500. \$250.00 per 1000.

**Coral Bell Supreme.** Ovate pink. Patented. Sport of Coral Belle. Flowers are twice as large as its parent, has three to four hose-in-hose, and is semi-double with a deeper pink color. Early-midseason profuse bloomer, larger and heavy oval foliage with much heavier stems or branches than the parent.

	100	1000
Rooted Cuttings	\$17.50	\$150.00
2½-in. pots	27.50	250.00

## Kurumes and Pericats

April to June Delivery. F.O.B. Florida.

<b>Coral Bells</b>	<b>Pink Pearl</b>		
<b>Dame Melanie Red</b>	<b>Pink Supreme</b>		
<b>Fortune.</b> Claret-rose.	<b>Pinocchio.</b> White with red		
<b>Hexe</b>	stripes.		
<b>Hinodegiri</b>	<b>Salmon Beauty</b>		
<b>Madam Pericat.</b> Light pink.	<b>Snow</b>		
<b>Marjorie Ann.</b> Carmine.	<b>Sweetheart Supreme</b>		
		100	1000
3 to 5 in.		\$33.00	\$280.00
4 to 6 in.		43.00	380.00
6 to 8 in.		65.00	600.00

## Belgian Indicas

**Albert and Elizabeth**  
**Hexe de Saffelare**  
**Holiday**  
**Triomphe.** Cerise-red.  
**Vervaeneana.** Rosy salmon.  
**Vervaeneana alba.** Pure white.  
**Vervaeneana, Somona.** Orange-red.  
**Lentengroot.** Crimson-red.

	100	1000
3 to 5 in.	\$40.00	\$350.00
4 to 6 in.	60.00	550.00
6 to 8 in.	85.00	750.00

## Rutherfordianas

**Alaska.** White.  
**Alice Mueller.** Bright pink.  
**Dorothy Gish.** Deep salmon.  
**Firelight.** Red.  
**Pink Ruffles.** Pink with orange blotch.  
**President Roosevelt.** Bright salmon.  
**Sunset.** Orange.

	100	1000
3 to 5 in.	\$40.00	\$350.00
4 to 6 in.	60.00	550.00
6 to 8 in.	85.00	750.00

The popularity of Azaleas is continuing to increase due to the many fine varieties now on the market. Azaleas are perfect pot plants from Christmas until Mother's Day.

Our "growing on" stock is supplied from specialized growers whom we inspect throughout the growing season. Most deliveries are made after Mother's Day, however, earlier deliveries can be made if desired.

## FLAT GROWN AZALEAS

Bushy plants comparable to 2¼'s.  
 May-June delivery. F.O.B. North Jersey.

## Kurumes

	100	1000
<b>Coral Bells.</b> Dainty coral-pink, semi-double	\$15.00	\$140.00
<b>Hexe.</b> Deep crimson, semi-double dwarf Indica	15.00	140.00
<b>Hexe De Saffelare.</b> Crimson, large flowers	16.00	150.00
<b>Hinodegiri.</b> Carmine-red, hardy	15.00	140.00
<b>Mrs. L. C. Fischer.</b> Semi-double salmon-pink	15.00	140.00
<b>Salmon Beauty.</b> Salmon-pink, hose-in-hose type	15.00	140.00
<b>Snow.</b> Pure white hose-in-hose type	15.00	140.00

## Pericats

<b>Rose Pericat.</b> Light pink, hose-in-hose, for early flowering	16.00	150.00
<b>Sweetheart Supreme.</b> Fine pink, for later bloom	16.00	150.00

## Indicas

<b>Albert and Elizabeth.</b> Double white with pink border	17.00	160.00
<b>Jean Haerens.</b> Double large dark rose	17.00	160.00
<b>Triomphe.</b> Double red with purple sheen	17.00	160.00
<b>Vervaeneana alba.</b> Large double, pure white	17.00	160.00

100 rates apply on quantities of 50 or more, 1000 rates on 250 plants or over, of each variety. Packing charge 6%. Not less than 50 plants of one variety.

## Rutherfordiana

	100	1000
<b>Alaska.</b> Semi-double, pure white, early	\$17.00	\$160.00
<b>Constance.</b> Cerise-pink, single, ruffled, midseason	17.00	160.00

## NEW ROEHRS HARDY VARIETIES

(Suitable for Mother's Day Flowering)

<b>Bauman's Mother's Day.</b> Large hose-in-hose, rose	20.00	190.00
<b>Gov. Meyner.</b> Fiery red, single	20.00	190.00
<b>Orchid.</b> Rosy lavender, single	20.00	190.00
<b>Peggy Ann.</b> Late hose-in-hose, light pink center, dark pink on edges	20.00	190.00

## WEST COAST AZALEAS

<b>Albert and Elizabeth</b>	<b>Erie.</b> Salmon, pink and white.
<b>Chimes.</b> Dark red.	<b>Empress of India</b>
<b>Christmas Red</b>	<b>Hexe de Saffelare.</b> Violet-red.
<b>Cottage Gardens.</b> Dark red.	<b>Lentengroot.</b> Crimson-red.
<b>Dr. Bergman.</b> Orange-red.	<b>Paul Schame.</b> Salmon.
<b>Dorothy Gish.</b> Deep salmon.	<b>Sweetheart Supreme</b>
	100 1000
3 x 4 in.	\$27.50 \$225.00
4 x 4 in.	32.50 275.00
4 x 6 in.	42.50 375.00

## Transplants—Flat Grown

	100	1000
54 plants per flat	\$17.00	\$160.00



## AGERATUM

(Nov.-March Delivery)

Blue Boy.	Purple Beauty.	White.	100	1000
Improved Riverside.				
Rooted cuttings			\$ 4.00	\$30.00
2-in. pots			10.00	90.00
<b>Devon Blue.</b> (Michell's.) Blooms early and very prolific. Flowers are a clear shade of blue of unusual size.				
Rooted cuttings, \$35.00 per 1000. Sold in units of 250.				

## ASPARAGUS

(Delivery from Sept. on)

Plumosus nanus.	100	1000
<b>Sprengeri.</b>		
2 1/4-in. pots	\$12.00	\$110.00
3-in. pots	25.00	200.00

## BEGONIAS

(April-July)  
2 1/4-in. pots.

	100	1000
<b>Lady Mac Supreme.</b> Deep pink bordering on Better Times Rose color, flower stems red. Less than 50 at 60c each	\$45.00	\$425.00
<b>Lady Mac.</b> Light pink, medium size foliage. Less than 50 at 50c each	42.50	375.00
<b>Marjorie Gibbs.</b> Light pink, larger size foliage. Less than 50 at 50c each	42.50	375.00
<b>Melior.</b> Light pink. Blooms about one week in advance of other varieties. Less than 50 at 50c each	42.50	375.00
<b>NORWEGIAN VARIETIES</b>		
<b>Karolina.</b> Rose-pink.		
<b>Marina.</b> Dark pink.		
<b>Red Solfein.</b> Darkest rose, almost red.		
<b>Spirit of Norway.</b> Shade darker than Marjorie Gibbs.		
Above 4 varieties—Less than 50 at 60c each	47.50	425.00

## BEGONIAS

2 1/4-in. pots. September to March Delivery.

### Dwarf

<b>Adeline.</b> Bright pink.		
<b>Deep Rose.</b> Bright pink; rosy red in winter.		
<b>Luminosa Compacta.</b> Scarlet-red.	100	1000
<b>Pink Pearl.</b> Bright pink; vigorous growth.	\$13.00	\$110.00
<b>Red Pearl.</b> Scarlet-red.		
<b>Snowbank.</b> Sparkling white; large flowers.		

### Medium

<b>Carmen.</b> Bright pink; bronze foliage.		
<b>Indian Maid.</b> Deep scarlet; dark bronze foliage.		
<b>Scandinavia Pink.</b> Bright rose-pink.	100	1000
<b>Scandinavia Red.</b> Bright red.	\$13.00	\$110.00
<b>Scandinavia White.</b> Free-flowering; white.		

### Doubles

<b>Geneva Scarlet</b>	<b>Geneva White</b>	<b>Westport Beauty.</b> Pink.
\$25.00 per 100.		

## BELOPERONE guttata - Shrimp Plant

(Sept.-April Delivery)

	100	1000
2 1/4-in. pots	\$11.00	\$100.00

## BOUGAINVILLEA

	50	100
<b>Crimson Lake.</b> 2 1/4-in. pots	\$16.00	\$30.00

## BROWALLIA

	100	1000
<b>Speciosa (major).</b> Rich blue. 2 1/4-in. pots	\$11.00	\$100.00

## COLEUS, Rooted Cuttings

(Nov.-April Delivery)

	100	1000
<b>Beckwith Gem.</b> Dark velvety maroon, bordered fiery red, edged green	\$4.50	\$40.00
<b>Brilliance.</b> Bright carmine, shading off to a deep maroon, margined yellow and green	4.50	40.00
<b>Butterfly</b>	4.50	40.00
<b>Christmas Gem.</b> Carmine, shading to maroon, yellow and green margin	4.50	40.00
<b>Golden Bedder.</b> The favorite yellow.	4.50	40.00
<b>Hollywood Red</b>	4.50	40.00
<b>Queen Victoria.</b> Cardinal-red, golden border	4.50	40.00
<b>Assorted Colors</b>	4.50	40.00

## CHRISTMAS CACTUS

	50	100
<b>Lobster Plant.</b> 2 1/4-in. pots	\$9.50	\$16.00

## CYCLAMEN

America, Baardse Wonder, Bonfire, Bright Red, Dark Red, Lavender, Perle of Zehlendorf, Pure Rose, Red with Edge, Rococo.	100	1000
2 1/4-in. pot plants (ready March and April)	\$25.00	\$200.00
3-in. pot plants (ready June and July)	40.00	
4-in. pot plants (ready August and September)	75.00	

## DRACAENA

(Sept.-March Delivery)

	50	100	1000
<b>Indivisa.</b> Slender green leaf. Useful for summer bedding, vases, etc.			
2 1/4-in. pots	\$ 7.00	\$12.50	\$115.00
3 -in. pots	12.50	20.00	195.00

## EUPHORBIA SPLENDENS

	50	100
<b>Crown of Thorns.</b> 2 1/4-in. pots	\$12.50	\$20.00

## FUCHSIA

(Oct.-March Delivery)

<b>Black Prince.</b> Single, rose petals, pink bell.		
<b>Holly Dale.</b> Red or deep pinkish outside, with pinkish lavender center.		
<b>Little Beauty.</b>		
<b>Winston Churchill.</b> Red or deep pinkish outside, with deep violet center.	50	100 1000
Rooted cuttings. 500 at 1000 rate	\$ 8.00	\$ 75.00
2 1/4-in. pots. 500 at 1000 rate	8.00	14.00 130.00
<b>Bagdad, Giant Pink, Pride of Orion.</b>	100	1000
Rooted cuttings	\$ 7.00	\$60.00
2-in. pots	13.00	125.00

## GARDENIA VEITCHI

	50	100
2 1/4-in. pots	\$12.50	\$20.00

## GERANIUM

<b>Beaute Poitevine.</b> Light salmon.	<b>Olympic.</b> One of the best reds.
<b>Better Times.</b> Same color as Better Times Rose.	<b>Picardy.</b> Salmon-pink.
<b>Improved Ricard.</b> Bright vermilion.	<b>Pink Fiat.</b> Salmon-pink.
<b>Irrington Beauty.</b> Rose-pink.	<b>Pride of Camden.</b> Dark red.
<b>Madonna.</b> White.	<b>Radio Red.</b> Intense scarlet.
<b>Mme. Buchner.</b> Double white.	<b>Red Fiat.</b> Large flowers.
<b>Mme. Landry.</b> Salmon-pink.	<b>Red Landry.</b>
	<b>Salmon Supreme.</b> Light salmon-apricot.
	100 1000
2 1/4-in. pots	\$15.00 \$140.00
<b>Enchantress Fiat.</b> Light shrimp-pink.	<b>Irene.</b> Bright red.
2 1/4-in. pots	16.00 150.00

## CALIFORNIA GERANIUMS

Shipped air freight throughout the year. Place orders early to insure prompt delivery. Four weeks required for R.C. Above varieties and others available.

Send for Our Complete List		5000	and
<b>STANDARD VARIETIES</b>		1000	over
Unrooted cuttings	\$42.50	\$40.00	
Rooted cuttings	82.50	80.00	
Minimum order, 1000			

For economical air transportation, we recommend each shipment contain 2500 cuttings.





GLOXINIA

## GLOXINIA

(Available All Year) 50 100 1000  
**Small's Special All-Color Mixture.** Seedlings  
 in 2-inch plant bands .....\$12.00 \$20.00 \$180.00  
 (Shipped 50 per carton—write for complete list.)

## HELIOTROPE

(Nov.-March Delivery) 100 1000  
**Sweet Blue.** Rooted cuttings .....\$ 6.00 \$ 50.00  
 2½-in. pots ..... 11.00 100.00

## HOYA CARNOSA VARIEGATA

50 100  
**Wax Plant.** 2¼-in. ....\$17.50 \$30.00

## HYDRANGEAS

(Spring Delivery—for Growing On)

### NEWER INTRODUCTIONS

* <b>Alpengluhn.</b> M. Light red.	<b>Sister Therese.</b> M. Best white.
<b>Flamboyant.</b> M. Medium pink.	<b>Sanctis.</b> E. Medium red.
<b>Monte Forte Perle.</b> M. Carmine-red.	<b>Todi.</b> M. Dark pink.
	<b>Zurich.</b> E. Light red.
	100
Rooted cuttings .....	\$30.00
3-in., 1 shoot .....	50.00

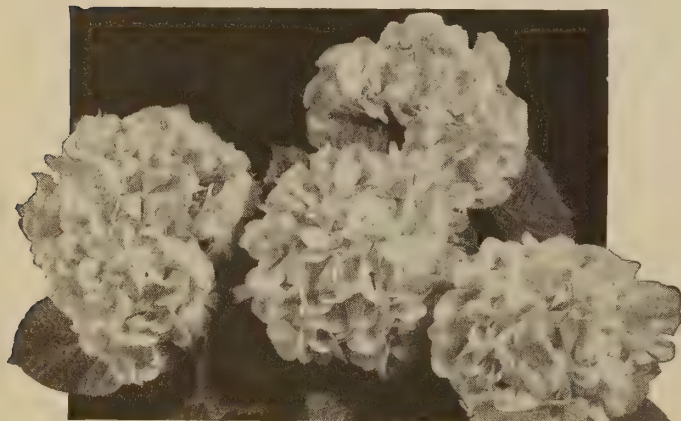
### NOVELTIES

* <b>Merritt's Blue.</b> M. A good blue.	* <b>Rose Supreme.</b> M. Rose-pink.
<b>Red Star.</b> M. Brilliant.	100
Rooted cuttings .....	\$20.00
3-in., 1 shoot .....	40.00

### STANDARD VARIETIES

<b>Hamburg.</b> E. Carmine.	<b>Regula.</b> E. White.
* <b>Kuhnert.</b> M. Rose-pink.	<b>Strafford.</b> M. Dark pink.
* <b>Merveille.</b> L. Light red.	100
Rooted cuttings .....	\$16.00
3-in., 1 shoot .....	30.00

Minimum 25 per variety.  
 \*These varieties blue easily.  
 E. Early; M. Midseason; L. Late.



HYDRANGEA

## IVY

(Delivery from Sept. on)

	100	1000
<b>English.</b> Rooted cuttings .....	\$ 4.00	\$30.00
2¼-in. pots .....	10.00	90.00
* <b>Green Ripple.</b> Rooted cuttings .....	6.00	52.50
2½-in. pots .....	20.00	
<b>Hahn's Self-Branching.</b> Rooted cuttings .....	5.00	35.00
2½-in. pots .....	20.00	
<b>Hahn's Variegated.</b> Rooted cuttings .....	6.00	50.00
2½-in. pots .....	25.00	
* <b>Maple Queen.</b> Rooted cuttings .....	6.00	50.00
2½-in. pots .....	20.00	
<b>Merion Beauty.</b> Very free branching .....		
2-in. pots .....	10.00	90.00
<b>Shamrock.</b> Rooted cuttings .....	6.00	50.00
2½-in. pots .....	20.00	
<b>Star.</b> Rooted cuttings .....	5.00	35.00
2½-in. pots .....	20.00	
<b>Sylvanian Beauty (Improved).</b> Rooted cuttings .....	6.50	60.00
2½-in. pots .....	20.00	
<b>Glacier.</b> Rooted cuttings .....	5.75	52.50
<b>Gold Dust.</b> Rooted cuttings .....	6.75	62.50
<b>Variegated.</b> Large leaf .....	5.75	52.50
*If bought in 2000 lots or more .....		45.00



Variegated Ivy



Glacier Ivy Gold Dust Ivy

## LANTANA (Nov.-March Delivery)

**Craigi.** Deep red shading to yellow.  
**Dwarf Buckeye.** Red, shading to yellow.  
**Jacob Schultz.** Red.  
**Lady Olivia.** Yellow, shading to pink.  
**Michael Schmidt.** Red shading to yellow.  
**Radiation.** Red; center orange and yellow.  
**Sunset.** Yellow and red.  
**Weeping.** Lilac shading to rosy pink. A trailing variety. Especially recommended for boxes, baskets and ground covers.  
**Mixed Varieties.** Our selection. 100 1000  
 2¼-in. pots .....\$13.00 \$120.00

## RUELLIA MOKOYANA

50 100  
**Trailing Velvet Plant.** 2¼-in. pots.....\$12.50 \$20.00

## ROSES

### CALIFORNIA-GROWN—TOP QUALITY

Complete list of close to 200 popular patented and non-patented varieties, including the latest All-America Selections.

Contains also an excellent list of fine quality Tree Roses. Prices very competitive and include delivery to eastern points.

Write for "Rose List."





POINSETTIA

## POINSETTIA Stock Plants

(March-April Delivery)

### GROUP A

**Dbl. Henriette Ecke, and St. Louis.**

### GROUP B

**Improved Albert Ecke, Mrs. Paul Ecke, Ruth Ecke, and Oak Leaf.**

### GROUP C

**Barbara Ecke Supreme.** Patented variety sold only under patent restrictions. Definitely the finest of all pot-plant varieties for the central and northern part of the United States. Stock plants produce freely, can be soft pinched and have the finest colored bracts, super-seeding all commercial varieties.

**Indianapolis Red.** Exceptionally fine variety for the southern states. Grows short and stocky.

### Ecke White

**New Ecke Pink.** Blooming and growth habits same as regular Pink, but having long bracts similar to the Oak Leaf type, which makes it very desirable.

	Group A	Group B	Group C
	Per 100	Per 100	Per 100
Super Jumbo	\$135.00	\$150.00	\$180.00
Jumbo	110.00	125.00	150.00
No. 1	85.00	100.00	120.00
No. 2	65.00	80.00	90.00
No. 3	45.00	60.00	60.00
*No. 4	25.00	35.00	40.00

The above prices f.o.b. eastern points of distribution, c/o Railway Express Agency.

\* All No. 4 plants should be shipped by Railway Express direct from California to carry through successfully.

ON ALL ORDERS MAILED AFTER JANUARY 1, A 10% PACKING CHARGE WILL BE MADE.

ANY CHANGE IN ORDER MUST BE IN BY FEBRUARY 1st.

POINSETTIA, 2 1/4-inch for July and later delivery. Write for prices.

## PERENNIAL PLANTS

A complete listing of quality perennial plants from select sources will be sent upon request.

## MICHELL'S MUM BOOK

Complete schedules for:

Cut Flowers

Pot Plants

Fast Disbuds

Complete list of new varieties.

Send for Your Copy Today.

## PELARGONIUM (Sept.-March Delivery)

### Premium Varieties

**Circus Day.** Pink, upper petals deep pink with medium large, brown-lilac blotches flushed with salmon.

**Conspicuous.** Shining oxblood or wine-red with black spot in lower petals, veining in top petals; waved petal edges with black hairline.

**Gay Nineties.** White upper petals with medium sized blotches. Lower petals with a few veins to center. Beautiful, large, ruffled flowers.

**Grand Slam.** Rosy red with slight salmon undertone. Top petals with velvety red-brown spot, flushed salmon. Large flower of waved petals.

	Per 100
Rooted Cuttings	\$22.50
2 1/4-inch	28.00
3 inch	37.50

### Standard Varieties

**Amanda.** Reddish orange.

**Azalea.** Rosy red.

**Baby Snooks.** Orchid-pink.

**Ballerina.** Shell-pink.

**Chicadee.** Lavender.

**Easter Greeting.** Bright red.

**Edith North.** Salmon-pink.

**German Glory.** Amaranth-pink.

**Jessie Jarrett.** Dark violet.

**Lavender Queen.** Lavender.

**Lowell.** Red, black blotches.

**Marie Vogel.** Red shaded salmon.

**Pink Vogel.** Pink.

**Rhapsody.** Tricolor.

**Salmon Springtime.** Bright salmon.

**Springtime.** Bright pink.

**Stardust.** Palest lilac.

	100	1000
Rooted Cuttings	\$15.00	\$140.00
2 1/4-in.	20.00	190.00
3 -in.	28.00	270.00

250 plants of a variety at 1000 rate. Minimum order, 50 plants.

## STEVIA (June-August Delivery)

**Double True Half Dwarf.**

**Pride of Cincinnati.**

	100	1000
2 1/4-in. pots	\$10.00	\$95.00

## VERBENA (Nov.-March Delivery)

**Beauty of Oxford, Cerise.**

**Beauty of Oxford, Lavender.**

**Beauty of Oxford, Pink.**

**Beauty of Oxford, Scarlet.**

**Candystick.**

Rooted cuttings ... \$5.00 \$37.50

**Pure White.**

**Royal Purple.** With eye.

**Schlosser's Pride.** Dark red.

	100	1000
Rooted cuttings	\$4.00	\$30.00
2 1/4-in. pots. (Spring)	9.00	80.00

## VINCA VARIEGATA

(Delivery from Sept. on)

	100	1000
Rooted cuttings	\$ 5.00	\$ 45.00
2 1/4-in. pots	12.50	115.00

## VITIS - Grape Ivy

(Delivery from Sept. on)

	100	1000
<b>Rhombifolia.</b> Evergreen vine. Graceful trifoliate leaves.		
2 1/4-in. pots	\$12.00	\$110.00

## CACTI AND SUCCULENTS

Commercial Assortment for Dish Garden and Novelty Planting

(500 of one assortment at 1000 rate)—Shipped bare-root F.O.B. California

	100	1000
<b>A All-Purpose Standard.</b> Cacti and Succulents; 10 or more standard varieties in uniform good selection for general dish-garden work or individual 2 to 2 1/2-in. pots	\$ 5.50	\$45.00
<b>B All-Purpose Superior.</b> Cacti and Succulents; includes the better, more durable and showier types of succulents and Cacti, in 15 or more varieties. This is our most favored all-around commercial assortment	6.50	55.00
<b>K All-Succulent Fancy.</b> The harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	8.00	70.00
<b>N All-Cactus Select.</b> Various types of Cacti from cuttings and seedlings; globular branched, eared, padded and columnar varieties in best selection	10.00	90.00
<b>S Sub-Tropic Dixie Assortment,</b> as favored in New York. Small foliage plants with compatible Succulents and Sansevierias	9.00	80.00





# Rooted

Varieties marked \* are patented or restricted and subject to signed agreement.  
Minimum order 100 of each variety except where noted.

## NEW for 1959

\***Elegance.** Sport of Exquisite. Blush-pink with white edges. Flowers are small, and by pinching out center buds you will have sprays with several flowers to a stem, which are well suited for small arrangements and corsages. \$20.00 per 100; \$180.00 per 1000.

## WHITE

	100	1000
* <b>Hoosier Spice.</b> Pure white and very fragrant	\$15.00	\$130.00
<b>Improved White Sim.</b> Larger than White Sim	15.00	125.00
<b>Northland.</b> Popular white	15.00	130.00
<b>Olivette.</b> Fine white	10.00	90.00
<b>Snowdrift.</b> Clear snow-white	15.00	125.00
<b>White Baum's Supreme.</b> Large pure white	10.00	80.00
<b>White Boston.</b> Sport of Boston	15.00	125.00
<b>White Sim.</b> White	15.00	125.00
<b>White Sidney Littlefield.</b> Large white	15.00	125.00

## LIGHT PINK

<b>Dusty.</b> Pastel pink Sport of (Red) Wm. Sim. (Minimum order 250)	250 for \$50.00; 500 for \$90.00	160.00
* <b>Hoosier Desire.</b> Clear light pink	15.00	130.00
<b>Hoosier Princess.</b> Light lavender-pink	15.00	130.00
<b>Hercules Virginia.</b> Light pink	15.00	130.00
<b>Kathleen Ann.</b> Light pink sport of S. Littlefield	15.00	125.00
<b>Keefer's Cheri Sim.</b> Deep salmon-pink	20.00	180.00
<b>Light Pink Littlefield.</b> True light pink	15.00	125.00
<b>Nancy Thomson.</b> Glowing light pink	15.00	125.00
* <b>Peterson's Pink Sim.</b> Blush-pink	15.00	125.00
<b>Pink Beauty.</b> Medium salmon-pink sport of Sim	15.00	130.00
<b>Pink Sim.</b> Light pink; sport of William Sim	15.00	125.00
<b>Salmonaise Virginia.</b> Light salmon	15.00	125.00

## MEDIUM PINK

<b>Calypso Sim.</b> Deep salmon-pink	15.00	125.00
<b>Citation.</b> Rose-pink with silver edges	15.00	130.00
<b>Debbie.</b> A beautiful salmon-pink sport of Sim	20.00	150.00
<b>Flamingo Sim.</b> Softer salmon-pink than Shocking Pink, with less splitting	15.00	125.00
<b>Laddie Sim.</b> A striking salmon-pink sport of Sim	20.00	150.00
<b>Portrait.</b> Brilliant rose-pink	250 for \$50.00	30.00
<b>Shocking Pink Sim.</b> Brilliant dark salmon	15.00	125.00
<b>Virginia Rose.</b> Rose-pink	12.00	100.00

## DARK PINK

<b>Baum's Supreme.</b> Dark rose-pink	10.00	80.00
<b>Boston.</b> Dark pink. Clean healthy growth	15.00	125.00
<b>Canup's Pride.</b> Dark cherry-pink	10.00	80.00
<b>Charlene.</b> Beautiful rich dark pink	15.00	125.00
<b>Fanfare.</b> Dark cherry-pink. (Minimum order 250)		125.00
<b>Saugus Pink.</b> Deep pink	15.00	125.00
<b>Improved Sidney Littlefield.</b> Large dark pink	15.00	125.00
<b>Virginia Miller.</b> Deep pink	12.00	100.00

## YELLOW

	100	1000
* <b>Brigadoon.</b> Pure yellow (500 minimum)		\$200.00
<b>Corinne.</b> Clear soft light yellow. (New)	20.00	160.00
<b>Harvest Moon.</b> Yellow-gold	15.00	125.00
* <b>Hoosier Gold.</b> Clear yellow with faint pink stripes	15.00	130.00
<b>Thompson's Improved Miller Yellow</b>	15.00	125.00
<b>Yellow Sim.</b> Golden or buff-yellow	15.00	125.00

## RED

<b>Cardinal Sim.</b> Color similar to King Cardinal	15.00	125.00
<b>Congo.</b> Dark red	15.00	125.00
<b>Crimson Prince.</b> Crimson	15.00	125.00
<b>Dark Red Sim.</b> Shade darker than William Sim	15.00	125.00
<b>Ember Sim.</b> Vivid red, sport of William Sim	15.00	125.00
<b>Jumbo Cardinal.</b> Brilliant red	15.00	130.00
<b>Majestic.</b> Brighter than William Sim	20.00	150.00
<b>Mrs. C. W. Weld.</b> Deep crimson	15.00	125.00
<b>No. 14 Crimson.</b> Crimson	15.00	125.00
<b>Red Gayety.</b> Pure red sport of Gayety (Minimum 250).		125.00
<b>Red No. 16</b>	12.00	100.00
<b>Red Sim.</b> Red	15.00	125.00
<b>Scania.</b> Red Sim sport from Denmark	15.00	125.00
<b>Selected Red Sim.</b> Selected strain of William Sim, slightly larger and fuller	15.00	125.00
* <b>Tom Knipe.</b> Scarlet	15.00	130.00
* <b>Topper.</b> Rich velvety maroon	15.00	130.00
* <b>William Sim.</b> Red. Patent No. 669 expires 1963	20.00	150.00
<b>Wooster Scarlet.</b> Brilliant red	12.00	100.00

## NOVELTIES and VARIEGATED VARIETIES

	100	1000
<b>Anniversary.</b> Shade darker than Scarlet Sim	\$15.00	\$125.00
<b>Candy Lee.</b> White with small dainty red flecks. Sport of Sim. (Minimum 250)		125.00
<b>Cooper's Variegated Sim.</b> White with red markings.	15.00	125.00
* <b>Coral.</b> Brilliant salmon at times slightly flaked	20.00	150.00
<b>Frosted Weld.</b> White overlaid with scarlet	15.00	125.00
<b>Gayety.</b> Like Cooper's Variegated Sim, larger flower	15.00	130.00
<b>Hollywood Sim.</b> Light pink petals with red overlay	15.00	125.00
<b>Lavender Rose.</b> True lavender color	15.00	125.00
<b>Louisa.</b> Raspberry hue with light variegation	15.00	125.00
<b>Mamie Eisenhower.</b> The red markings against a white background produce an outstanding contrast	15.00	125.00
<b>Mohawk.</b> Yellow variegated with pink stripes	15.00	130.00
<b>Peppermint Sim.</b> White petals with red pencil lines	15.00	125.00
<b>Peking Pink Littlefield.</b> Dark pink with white tips on petals	15.00	125.00
* <b>Pride of Woburn.</b> Bright fuchsia with orchid edge	15.00	125.00
<b>Raspberry Ice.</b> White overlaid with pale orchid	15.00	125.00
* <b>Sarah Jane Knipe.</b> Magenta with silver edge	15.00	130.00
<b>S. Arthur Sim.</b> White with red penciling through flower	15.00	125.00
<b>Scarlet Sim.</b> Scarlet with white edge	15.00	130.00
* <b>Symphony.</b> Mauve with reddish purple stripes	15.00	130.00
* <b>Tetra-Sarah Jane.</b> Rosy magenta with silver edge	25.00	200.00



# Cutting CARNATIONS

## YODER BROS. VARIETIES

### WHITE

- Aurora.** Exceptionally large white. Flower size and heavy stems are points of emphasis. Performs best in higher than average Carnation temperatures, and with a narrow range of difference between day and night temperatures. An average to heavy producer .....S-4
- Colo. White Sim.** Holley's reselection of White Sim. Most important asset is its non-splitting trait. In all periods repeated tests have demonstrated that splitting is very significantly lower than the parent variety. Somewhat fewer petals contribute to this as well as making for straighter winter stems. Vigor and production remain the same .....S-4
- Electra.** Large informal white. Petals are deeply serrated. Exhibits the vigor, stretch and production of White Sim with an improved stem for winter flowering. **Does not split** .....S-3
- White Apollo.** White sport of Apollo. Unequalled for year around productivity. A marked improvement over Olivette for flower size and stem strength during the winter months. More versatile than Apollo since it is not subject to fading and has an improved summer form .....S-5

### SALMON-PINK

- Ambrosia.** A smooth and unvarying salmon-pink. A shade lighter than Venus. Unusual stretch and rigid stemmed growth during the winter months. A durable flower for shipping .....S-3
- No. 2 Apollo.** An improved selection in Apollo with larger flower size and markedly increased stem length. Color remains the same as Apollo. The improved vigor in stem and size is evident throughout the year .....S-5
- Athena.** A lustrous salmon-pink slightly deeper than Venus and possessing a greater color clarity than Apollo under low light intensities. A reliable winter producer. Has vigor, stretch and rigid stems. **Does not split** .....S-5
- Venus.** A large salmon-pink. Flawless color. Like Charm, possesses superb flower qualities coupled with a long, rigid stem. A noted exhibition variety. Performs most satisfactorily at Littlefield temperatures .....S-4

### LIGHT PINK

- Aphrodite.** A true light pink. An early producer with an early comeback. Best in high light intensity areas .....S-4

### DARK PINK

- Hermes.** A good dark pink with high temperature color-retention tolerance. Becomes a scarlet-pink during the winter months. Ships and keeps well. Rarely splits .....S-4
- Mentor.** Rich rose-pink. Strong, rigid stems. Notable keeping and color-retention properties throughout the year .....S-4

### CRIMSON-RED

- Titan.** An intense crimson-red. Dependable and continuous growth during the winter months. Recognized for its better than average shipping and keeping qualities among the crimson group .....S-4

### SCARLET-RED

- Colo. Red Sim.** An improved William Sim. Greater vigor and productivity .....S-4
- Stephen's Red Apollo.** Apollo sport. Bright salmon-red. Flower is fuller, larger and much brighter color than original Red Apollo. Stems are longer with over-all vigor significantly greater than Apollo .....S-1
- Siren.** A bright scarlet. Combines heavy production with a fast comeback and uniform cropping on stems of medium length .....S-4
- Hill's Imp. Red Sim.** Sport of Wm. Sim. Outstanding for its improved vigor, stretch and rapid cropping habit. Flowers are somewhat larger, being similar in form and color to Wm. Sim. Especially valuable for early crops .....S-4

### YELLOW

- No. 2 Midas.** An improved vigor selection from Midas. Length and strength of stem are markedly greater. Color remains the same. Form and size are more uniform .....S-4



### NOVELTIES and VARIEGATED

- Agate Athena.** Sport of Athena. Dark salmon bands and penciling on salmon-pink background. Has the same vigor, high production, strong stem and non-splitting character of parent variety. A very refreshing, lively color with good high temperature summer retention .....S-2
- Cassandra.** A lively yellow variegated. Pink penciling. Rarely splits. Flower has excellent substance and is an outstanding keeper .....S-4
- Garnet Sim.** (Streiferd). Sport of White Sim. Scarlet-red background with uniform white penciling. Production and rapid rate of return for successive crops excels most Sim varieties. The color is remarkable for its stability and intensity. It does not fade in summer. The petal edge penciling is of sharp contrast adding a frosted appearance similar to Scarlet Sim with broader areas of scarlet-red. This selection is one of the most resistant to splitting yet observed within Sim varieties .....S-2
- Gayety.** Variegated Sim. Flesh-pink background overlaid with bright red pencil pattern. More stable than Cooper's Variegated .....S-4
- Nectar.** Large orange-yellow variegated with broad scarlet striping. S-4
- Strawberry Sim.** Variegated red and pink Sim sport. An over-all narrow red penciling diffused on a pink background. Background color markedly intensifies going into mid-winter conditions. A striking novelty .....S-4

#### PRICES OF YODER CARNATION VARIETIES

Price Class	50-250	300-450	500-950	1000-2450	2500
S-5	\$10.00	\$ 9.50	\$ 9.00	\$ 8.50	\$ 8.00
S-4	11.00	10.50	10.00	9.50	9.00
S-3	12.00	11.50	11.00	10.50	10.00
S-2	13.00	12.50	12.00	11.50	11.00
S-1	14.00	13.50	13.00	12.50	12.00

Prices apply to the number of cuttings of any one variety on an order. All prices are per 100 cuttings.



## Greenhouse Wheelbarrow

**No. 3GH225.** Length over-all, 62 in.; width over-all, 20 in.; height over-all, 27 in. Length of the bed, 26½ in.; width of bed front, 15 in.; width of bed rear, 19½ in. Bed depth, 11¼ in. Weight, 34 pounds. With pneumatic tire, \$29.00.

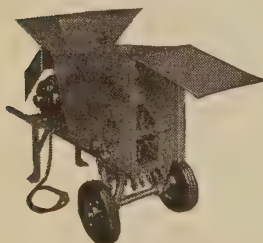
**No. 67. Buch Style.** With pneumatic tire. 15-in. front, 18-in. back, 12-in. deep. Handle spread 20 in. \$37.50.

## Garden Wheelbarrows

Tire Length Depth Width  
in. in. in. in.

**No. 3-225** 2¾ 26½ 10½ 23½ \$29.00  
Above barrows equipped with rubber tires.

## Power Soil Shredder Kemp No. 6



Shreds heavy, wet compost made from sod and manure. Designed especially for the small grower. Low in price and economical to operate. Powered with either gas engine or an electric motor, that can be plugged into any light socket.

Use in potting shed for shredding soil for use in flats and pots. Also handy machine for shredding and mixing soil and manure on benches.

### SPECIFICATIONS

Length ..... 38 in.  
Width ..... 22 in.  
Height at discharge end ..... 36 in.  
Height at hopper ..... 33 in.  
Weight ..... 200 lbs.

Power { Electric ..... ¼ H.P.  
Gas ..... 1½ H.P.  
Capacity—one or two men loading hopper.

**No. 6.** ½ h.p. electric motor ..... \$198.00

**No. 6** ¾ h.p. electric motor ..... 215.00

**No. 6-B.** 2 hp. Briggs & Stratton gas engine ..... 194.00  
With rubber tire wheels, add \$10.00.

## Tree Labels

100 1000  
**Copper Wired.** Painted ..... \$0.70 \$5.00

## Painted Labels

**Pot** No. in Pkg. 100 1000  
4-in., ¾ in. wide ..... 1000 \$0.75 \$4.20  
5-in., ¾ in. wide ..... 1000 .85 4.60  
6-in., ¾ in. wide ..... 1000 .95 5.00

**Garden**  
8-in., ¾ in. wide ..... 250 1.20 10.00  
10-in., ¾ in. wide ..... 250 1.40 12.00  
12 in., 1½ in. wide ..... 100 2.00 19.00

**Field** 100 500  
18-in., not painted ..... \$8.50 \$40.00

## CANE STAKES

Dyed Green—Pencil Thickness	Per Bale	Per 100	Per 1000 (2000)
1½-ft. ....	\$0.65	\$ 3.50	\$ 6.00
2 -ft. ....	.80	5.50	8.00
2½-ft. ....	.95	6.50	10.00
3 -ft. ....	1.10	7.50	13.00
3½-ft. ....	1.30	10.25	16.50
4 -ft. ....	1.45	11.00	18.00
5 -ft. ....	1.75	14.00	24.50
6 -ft. ....	2.15	17.00	28.00

10 Bales, less 5%. 25 Bales, less 10%.

## Split Bamboo

Dyed Green	Per Bale	Per 1000	(5000)
12 in. ....	\$3.50	\$12.00	
15 in. ....	4.00	15.00	
18 in. ....	5.00	20.00	
24 in. ....	6.00	25.00	

## Hyacinth Stakes

Wood Dyed Green	1000 lots	6000 lots	12,000 lots
12 in. ....	\$5.15	\$29.00	\$55.80
15 in. ....	5.90	33.60	64.20
18 in. ....	6.35	35.70	68.40

## Tonkin Bamboo

	Doz.	100	1000
4-ft. ....	\$1.10	\$ 6.75	\$ 70.00
6-ft. ....	1.80	11.50	110.00

## GREEN ENAMELED PLANT STAKES

Ideal for Mums and Poinsettias.

No. 14 Gauge .080 in.

Size	Approx. weight per 1000	Price per 1000
12 in. ....	16 lbs.	\$ 5.00
15 in. ....	20 lbs.	6.15
18 in. ....	24 lbs.	7.20
21 in. ....	28 lbs.	8.30
24 in. ....	32 lbs.	9.50
27 in. ....	36 lbs.	10.60
30 in. ....	40 lbs.	11.65
36 in. ....	48 lbs.	13.80
42 in. ....	56 lbs.	16.00
48 in. ....	64 lbs.	18.00

### Quantity Discount

10,000 less 5%, 20,000 less 10%

F.O.B. Fostoria, Ohio.

## Florists' Budding and Propagating Knives

A good knife is essential to every florist. Our knives are all of the best steel and guaranteed to give good satisfaction. Each

**No. 716.** The florist's favorite. 2-blade, white bone handle, for budding and propagating ..... \$3.00

**No. 182.** 1-blade; ebony handle ..... 2.75

**No. 176.** 1-blade; white handle ..... 2.00

## Imported Tina Pruning Shears

**No. 870.** 8½ in. .... Each \$4.95  
**Spiral Springs** for the above Pruning Shears.  
25c each; 6 for \$1.25.

## CEL-O-GLASS

Use the new improved style on your cold frames and newly planted seeds. Not affected by hail, snow, rain or wind, and cannot break like glass. Highly translucent. Running ft.

28 in. wide, cut pieces ..... \$0.35  
In full rolls of 25, 50, 75 or 100 ft. .... .33  
36 in. wide, cut pieces ..... .45  
In full rolls of 25, 50, 75 or 100 ft. .... .43

## Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, box of 1000, \$2.50; 5000, \$11.50.



## Evermark Pencils

You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each 20c; doz. \$1.50.

## Everlasting Stake Fasteners

Full size—the original heavy duty type.



### GALVANIZED

500 for ..... \$2.75  
1000 for ..... 5.00  
5000 for ..... 23.75

## "Twist-Ems"

**Quick.** "Twist-ems" save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Simply put around the stem, twist and it is tied.

	Carton of 36 boxes	Per box
<b>No. T-7</b> 8 in. Pkg. of 100 ..... \$0.29	\$6.26	
<b>No. T-8</b> 16 in. Pkg. of 100 ..... .57	12.31	

### BULK — 250 per bundle

	1000	5000	10,000
4 in. ....	\$1.00	\$ 4.60	\$ 8.90
8 in. ....	1.75	8.00	15.50
16 in. ....	3.50	16.25	31.50

**Continuous Roll.** 250 ft., \$1.00; \$8.00 per doz.

## ROOT FORMING CHEMICALS

**ROOTONE.** The plant hormone powder. Roots cuttings faster and makes more roots. 2 ozs. \$1.00;—doz. \$8.00; lb. \$5.00—doz. \$40.00.

**ROOTONE with Fungicide.** Hormone powder combined with fungicide. Controls damping off and stimulates formation of roots. Lb. \$5.00.

**TRANSPLANTONE.** A stimulant for already formed root growth. 1 teaspoonful in 1 gal. of water. 3 ozs. \$1.00—doz. \$8.00; lb. \$4.00—doz. \$32.00.

**HORMODIN POWDER.** Dip stems and place in usual propagating medium. For house, garden and greenhouse plants use Hormodin Powder No. 1; No. 2 for woody types, and No. 3 for evergreens. **No. 1,** 1¼ ozs. 50c; lb. \$3.00. **No. 2,** 1¼ ozs. 75c; lb. \$4.50. **No. 3,** oz. \$1.00; ½ lb. \$4.50.

**TERRALITE (VERMICULITE) PLANT AID.** A growing medium for rooting cuttings, propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 4 cu. ft. (20 lbs.) \$2.00 per bag; \$1.60 per bag in 5-bag lots. 6 cu. ft. (30 lbs.) weather resistant bag. \$2.75 per bag; \$2.40 per bag in 5-bag lots.



## Rubber Hose

This hose is a two-braid rayon thread. Can be cut in any length. Per ft.

**Elec. Corrugated.** 3/4-in. ....\$0.50  
**Elec. Corrugated.** 1/2-in. .... .38

25-ft. sections coupled free.

**Vigilant.** 3/4-in. 2-braid. 25 ft. coupled. \$7.65  
**Vigilant.** 3/4-in. 2-braid. 50 ft. coupled 14.00

Per ft.  
**Spray Pump Hose.** 3/8 in. Performer ..\$0.30

1/4 lb. Lb.  
**Hose Washers.** 3/4-in. ....\$0.30 \$0.90

**Sure Grip Bands.** Can be furnished in 1/2-in., 3/8-in., and 3/4-in. Doz. 60c.

## Plastic Hose

This hose has been in use in commercial greenhouses for over two years and its superb qualities are now proven by actual field use. It is feather-weight, full 3/4 in. diameter, and stays completely pliable and flexible regardless of the temperature of the water passing through it. It is sufficiently rugged to withstand greenhouse usage.

Our standard lengths of hose are 50 feet and 100 feet, but we can furnish any length desired. 37c per foot. Standard 3/4-in. Cast Brass Couplings \$1.10 per set. Extra large 3/4-in. Couplings \$2.40 per set.

## Aquamatic Hose Nozzle



A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Complete with spray rose and solid stream nozzle. Price, \$6.00.

## Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose—mention which is wanted when ordering. Pair 45c; doz. pairs \$4.50.

## Quick Hose Connector No. 351

Handy brass automatic coupling. Slides on and off with ease. Great labor saver.

	Each	6
Complete .....	\$1.25	\$6.50
Faucet end only .....	.35	2.00
Hose end only .....	.90	5.25

## Greenhouse Sprinklers

**Light Brass.** Of lighter construction. 3-in. face. Each, \$1.25; 3 for \$3.50.



## Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.10; 3 for \$3.00.

## Glazing Points



1. **Peerless, No. 2 1/2.** For double-thick glass. \$1.35 per 1000.
2. **Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4-, and 7/8-in., lb. 80c; 5 lbs. \$3.75. (1000 to 1200 in a pound.)

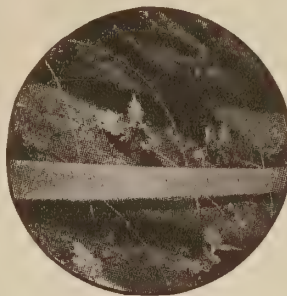
## Gro-Hose

### Automatic Bench Waterer

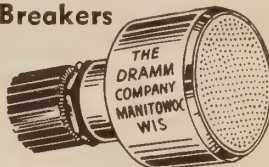
Scientifically designed Polyethylene hose 2 1/4 in. wide, has four holes spaced every 8 inches apart. Waters the full length and breadth of your benches—automatically.

Prices: 1 to 1000 ft., 9 1/2c per ft. 1000 to 5000 ft., 8 1/2c per ft.

**Headers.** Two-Way, \$3.00 each. Four-Way, \$3.75 each.



## Water Breakers

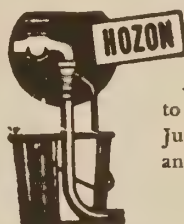


### The "400" Water Breaker

**No. 400.** Breaks the water pressure and gives a fine, even spray. Cast aluminum, unbreakable. Ideal for greenhouse use. Each \$1.50; 3 for \$4.00.

## Fogg-It Nozzle

The new fine mist sprinkler that really reduces water consumption and gives a full uniform coverage and wetting effect. Each \$1.50; 3 for \$4.00.



## Hozon Syphon

A simple yet effective way to apply liquid fertilizer. Just attach between faucet and hose. \$2.00.

Prices Subject to Market Change.

## Water Valve V-58



A modern valve connection pipe to hose. Machined from solid bar brass. Metal to metal, wiping contact between spherical plug and seat—closes completely before pressure seal functions. No leak or drip. Greater water capacity than most 3/4 in hose end valves. \$1.35 each; 6 for \$7.50.

## Myers' Knapsack Spray Pump

No. 1330A  
Galvanized tank; capacity, 4 gals. 18-in. brass extension rod. Weight, 15 lbs. Price, \$30.50.



## Bronx Bottle Sprayer

For applying water to cut flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickel-plated. Pt. size. Price, \$2.20; qt. size, \$2.40.

## Aluminum Foil Pot Wrap

An excellent item for every florist who sells pot plants. Improves the appearance of the plant and pot. Available in following colors: Platinum, Lavender, Fuchsia, Pink, Yellow, Moss, Blue, Royal, Black, Azalea, Orchid, Red, Gold, Nile, Chartreuse, and Purple.

	12 Rolls	Single Rolls	per roll
20-in. Silver. 50 ft. ....	\$1.60	\$1.50	
20-in. Colors. 50 ft. ....	1.70	1.60	

## WIRE HANGING BASKETS Green Enameled

	Each	Doz.
8 inch .....	\$1.15	\$12.25
10 inch .....	1.25	13.80
12 inch .....	1.50	16.20
14 inch .....	2.20	24.00
16 inch .....	2.65	28.80

## Markwell Plier Stapler

**No. RX46.** An ideal device for every office, businessman, florist, store, factory, school, and home. Compact and light in weight. Price \$5.50.

**Staples** for above, 30c per 1000; per 10,000, \$2.75.

## Neva-Clog Stapling Pliers

**No. S100.** Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.75.

**Staples** for above: Box (1000) 45c; 5,000, \$2.00.

## Hotbed Mats

The burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are practically indestructible.

**Burlap, Waterproof one side.**

40x76 in., for one sash. Price, \$4.50 each; doz. \$52.00.

76x76 in., covering two regular size sash. Price, \$7.00 each; doz. \$74.00.

## Twines

	Ball	Lb.
<b>Jute.</b> 3-ply. Weight per ball, 1/2 lb. 5 lbs. \$4.00; 10 lbs. \$6.50 ..	\$0.45	\$0.85
<b>Special White Cotton.</b> 3-ply ..	.60	1.10
2-lb. cones, \$2.25.		
<b>Binder.</b> 5-lb. balls, \$1.50; 5 balls, \$1.40 each; 10 balls, \$1.30 each.		
<b>Express No. 6.</b> Very heavy .....		.85
<b>Green Sea Island.</b> 2-lb. cones \$3.00.		
12 balls per box, \$1.60.		
5 boxes, \$1.45 per box.		

## FLORISTS' SUNDRIES

**Bull Dog Clips.** For fastening packages, boxes, etc. Box (1000) 70c.

**Pearl Chips.** For bulb bowls, aquariums, etc. White and assorted colors. Pkg. 10c; 12 pkgs. \$1.00; 25 pkgs. \$2.00; 100 pkgs. \$7.50.

**Pearl Chips, White.** In bulk. 10 lbs. \$1.25; 25 lbs. \$2.00; 100 lbs. \$7.00.

**Pearl Chips, Colored.** 100 lbs. \$8.00.

**Shaderine.** 5 lbs. \$3.35; 10 lbs. \$6.50.





## VITA-BAND D

	1½x	1¾x	2x	2x	2½x	3x	4x	4x
Price Per M	1½x	1¾x	2x	2x	2½x	3x	4x	4x
	2½	2½	2½	3	3	3	3	4
0-8000	\$4.95	\$5.30	\$5.50	\$6.20	\$6.45	\$7.25	\$9.45	\$11.80
10,000-24,000	4.85	5.15	5.35	6.05	6.30	7.05	9.25	11.60
26,000-48,000	4.75	5.00	5.20	5.90	6.15	6.85	9.05	11.40
50,000-200,000	4.60	4.90	5.10	5.75	6.00	6.70	8.90	11.05
202,000-500,000	4.35	4.65	4.80	5.45	5.65	6.35	8.35	10.50
502,000-Over	4.25	4.55	4.70	5.30	5.55	6.20	8.15	10.25
Quantity Packed								
Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Gross Weight								
Per Case	18	21	22	28	34	40	27	35

**Vita-Band 10.** Has the same quick set-up and fast handling features without nutrient treatment. A low-priced band giving satisfactory results for growing periods up to eight to ten weeks. May require occasional liquid feeding.

## VITA-BAND H

**VITA-BAND H.** The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

**VITA-BAND H.** The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

### Tom Thumb Flats

	1000
<b>Size No. 1.</b> Holds 12-1 $\frac{3}{4}$ x1 $\frac{3}{4}$ x2 $\frac{1}{2}$ in. bands .....	\$44.70
<b>Size No. 2.</b> Holds 12-2-in. bands .....	49.60

<b>Size No. 1.</b> With Vita-Band 10	1000 Sets	\$ 96.70
<b>Size No. 2.</b> With Vita-Band 10		106.70

4 1/4 x 8 1/2 x 2 inches deep. A new aluminum pak for marketing plants. Can be used for all types of bedding plants now sold from flats or small pots such as Marigolds, Petunias, Salvia, Tomatoes, Peppers, etc. Has holes for drainage.

	Per 1000		Per 1000
1- 9,000 .....	\$46.00	25-49,000 .....	\$39.85
10-24,000 .....	42.90	50,000 up .....	36.80

\*Trademark Reynolds Metals Co.

Size	Per case	Per 1000
2¼ in.	2000	\$22.90
4 in.	500	49.20

Light in weight nutrient-treated pot, that is tough enough to be used to grow and ship potted plants in the same pot.

Size	1000	Size	500	1000
2 in.	\$14.60	3½ in.		\$22.70
2¼ in.	14.95	*4 in.	14.50	25.70
2½ in.	15.50	*5 in.	18.50	33.40
3 in.	17.40	*6 in.	23.50	44.10

Sizes marked \* are packed 500 to a crate.

The Bird Perennial Pot is made of a much tougher material than other heavy pots. The hard, smooth coating inside and out adds to the toughness and eliminates any possibility of sticking.

Height	Top-Diam.	Per Case	1000
5½ inch	5 inch	\$ 8.75	\$47.50
6½ inch	6 inch	12.50	58.50
9½ inch	7 inch	15.25	69.00
5 inch	8 inch	14.50	65.00

Packed 200 to case.

Neponset Red Pots protect against root-ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth.

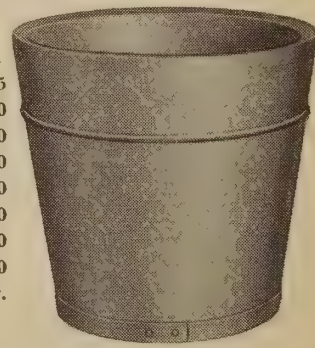
Diam.	500	1000
2 -in. ....		\$ 9.00
2¼-in. ....		9.00
2½-in. ....		9.10
3 -in. ....		9.60
3½-in. ....		12.80
*4 -in. ....	9.25	15.50
*5 -in. ....	10.50	19.00
*6 -in. ....	12.50	23.40

Sizes marked \* are packed 500 to a crate.  
Special prices will be quoted f.o.b. factory.

Strongly constructed, securely bound with welded galvanized wire hoops. Thoroughly dipped in dark green paint to insure complete coverage inside and out for moisture resistance and endurance.

Ready seller where a substantial yet attractive tub of moderate price is required.

			Top Diam.	Depth		Each	Doz.
No.	2.	7	x	7	in.		
No.	3.	8	x	8	in.	\$1.30	\$14.75
No.	4.	9	x	8	in.	1.35	15.50
No.	5.	10	x	9	in.	1.50	17.00
No.	6.	12	x	11	in.	1.75	20.00
No.	7.	14	x	13	in.	2.65	30.00
No.	11.	16	x	15	in.	4.15	47.00
No.	11.	16	x	15	in.	6.00	66.00
No.	13.	18	x	17	in.	7.50	78.00
Tub Handles, not attached						80c	pr.



		Each	Doz.
<b>No. 1.</b>	5 $\frac{1}{8}$ inch	<b>\$0.30</b>	<b>\$ 3.35</b>
<b>No. 2.</b>	7 $\frac{5}{8}$ inch	.55	6.25
<b>No. 3.</b>	10 $\frac{3}{8}$ inch	1.10	12.00
<b>No. 4.</b>	12 $\frac{1}{4}$ inch	2.20	24.00
<b>No. 5.</b>	14 $\frac{1}{2}$ inch	3.30	36.00





## BIRD PEAT POTS

A molded type plant growing container composed of high quality peat, blended with other ingredients to stimulate healthy and speedy premium growth. Rugged rim provides added strength at the vulnerable top area. Roots grow right through the walls. Ideal for Mums, Carnations, Hydrangeas, Snaps, Asters, Poinsettias, Nursery Stock, Foliage Plants.

	2 1/4 in.	3 in.	2 1/8 in.	3 in.
Prices Per M	Round	Round	Square	Square
2000-18,000	\$7.25		\$9.75	
20,000-74,000	6.75		9.00	
76,000-348,000	6.25		8.40	
350,000-750,000	6.10		8.20	

Prices Per M				
2000-8000		13.40		15.45
10,000-48,000		12.45		14.40
50,000-198,000		11.65		13.45
200,000-500,000		10.90		12.50

Quantity Packed				
Per Case	2000	2000	2000	2000
Gross Weight per Case in Lbs.	22	38	24	42

Orders of 150 lbs. or more sent prepaid in U. S. A.

## VITA GREEN POTS

Prices Per M	2 1/4 in.	2 1/2 in.	3 in.	4 in.
2000-18,000	\$7.25	\$8.35		
20,000-74,000	6.75	7.80		
76,000-348,000	6.25	7.20		
350,000-750,000	6.10	7.00		

Prices Per M				
2000-8000			13.40	17.25
10,000-48,000			12.45	16.10
50,000-198,000			11.65	15.00
200,000-500,000			10.90	14.50

Quantity Packed				
Per Case	2000	2000	2000	1000
Gross Weight Per Case, Lbs.	17	22	31	31



## OCTAGONAL TUBS

Made of the finest grade Redwood. Beautiful indoors, weather-resistant outdoors. Carefully handmade and stained, these softly glowing Redwood tubs are bound by strong recessed brass bands.

		Each	24	120
10-in.	4 lbs.	\$2.70 each	\$2.45 each	\$2.30 each
12-in.	6 lbs.	3.30 each	3.05 each	2.85 each
14-in.	8 1/2 lbs.	4.00 each	3.70 each	3.55 each
16-in.	11 lbs.	4.70 each	4.30 each	4.25 each
18-in.	13 1/2 lbs.	5.60 each	5.30 each	5.25 each

(Packed 6 per carton.) Above measurements are outside dimensions.

120 Tubs or over sent Prepaid within 1,000 miles of Philadelphia.



## GRO-TAINER

The new molded seedling tray. Strong and extremely resistant to deterioration. Holes in the bottom provide excellent drainage. Gro-tainer breaths through its side wall and bottom surfaces.

Price Per M	No. 2	No. 3	No. 4
Less than 1000	\$48.00	\$62.00	\$72.00
1000-9800	44.00	58.00	68.50
10,000-54,800	40.00	54.00	64.50
55,000-154,800	36.00	50.00	60.50
155,000-Over	35.00	49.00	59.50

Quantity Packed			
Per Case	200	200	200

Gross Weight Per Case in. Lbs.	22	28	37
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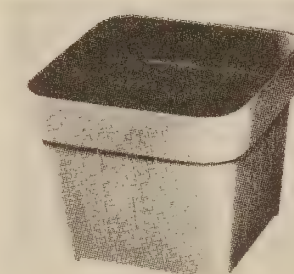
### Specifications

	Length	Width	Depth	
No. 2 Top Dimensions	7 3/8"	5 1/2"	2 5/8"	Holds 6 2x2 1/2" Vita-Bands
Bottom Dimensions	6"	4"		6 2 1/8" Sq. Peat Pots
No. 3 Top Dimensions	8 1/2"	6 3/4"	2 5/8"	Holds 12 1 3/4x2 1/2" Vita-Bands
Bottom Dimensions	7"	5 1/4"		12 2 1/8" Sq. Peat Pots
No. 4 Top Dimensions	9 3/8"	7 3/8"	2 5/8"	Holds 12 2x2 1/2" Vita-Bands
Bottom Dimensions	8"	6"		12 2 1/8" Sq. Peat Pots

## PLASTIC POTS

### Square

Excellent for foliage plants. Light in weight yet durable and easy to handle. They nest perfectly, require little storage space and the large square base resists tipping on the bench. Being square in design, this pot saves considerable bench space over the conventional round pot. The smooth surface will not support mold of bacteria and requires little sterilization.



Size	Standard Pack	Shipping Weight	Standard Colors (green, white, red or yellow)	Utility Colors (green or ivory)
2 1/4 in.	1000	18 lbs.		
3 in.	500	18 lbs.		
4 in.	500	35 lbs.		
			Per 1000	Per 1000
			\$11.00	\$13.75
			22.50	28.25
			40.50	50.25

Above prices F.O.B. Philadelphia, Pa.

Six cases less 5% F.O.B. Philadelphia, Pa.

2 1/4 in.	1000	18 lbs.	8.25	10.50
3 in.	500	18 lbs.	16.75	21.25
4 in.	500	35 lbs.	30.00	38.00

Above prices F.O.B. Sandusky, Ohio, on orders of \$200.00 or more.

Orders under \$200.00, but over \$125.00 add 5% for service and handling.

NO SHIPMENTS ON LESS THAN CASE LOTS. (Specify color).



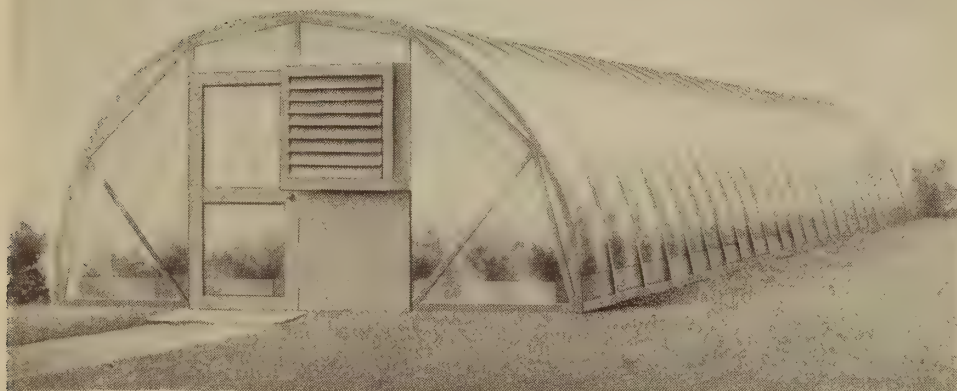
# HERE IT IS AT LAST!

## The Plastic Greenhouse That Has Everything

### The Bartlett TYPE STRUCTURE

### LOW-COST LIFETIME ALUMINUM CONSTRUCTION

### TEMPORARY SEMI-PERMANENT PERMANENT



PAT. PENDING

- Designed to withstand high winds and snow loads.
- Permits the use of inexpensive type plastics.

- Cover clamps in place—no holes.
- Easy to cover, recover and repair.

These structures are the most economical shelters that can be erected to do a specific job and yet have years of life with a minimum of maintenance and depreciation. The modified Quonset type shape employing the principle of a clamping rod in a groove for holding the skin material in place permits the use of lifetime aluminum for economy, durability, strength, and high resale value.

The method of covering is so simplified that changing of covers according to usage, season, and improvements of plastic, can be done with a minimum of labor. This factor makes the use of cheap polyethylene with good growth characteristics much more practical than in the past. Several different plastics that will fit these frames are currently available. With the research that is going on in the plastic industry, undoubtedly greatly improved covers will be available in the near future.

Fan ventilators or bat cooling units are easily installed in the gable ends. Conventional or hot air heating units also readily adaptable. Prices for base structure include ribs, rods, quick take-up clamps, purlins, ridge pole, angle sill with 4 mil edge clip, diagonal bracing, angle ground anchors, bolts, and assembly instructions. Parts not included are plastic cover, gable ends, ground flashing, fans, doors, or other accessories.

20 ft. x 96 ft. ....\$1298.00

20 ft. x 48 ft. ....\$698.00

20 ft. x 32 ft. ....\$486.00

### WRITE FOR FURTHER INFORMATION

#### CLEAR POLYETHYLENE FILM

For greenhouses and seasonal plastic houses. Can also be used for fumigation.

Standard size roll	Price per roll, 4 mil	Price per roll, 6 mil
3 ft. x 100 ft. ....	\$ 4.50	
4 ft. x 100 ft. ....	5.80	
6 ft. x 100 ft. ....	8.50	13.00
8 ft. x 100 ft. ....	10.50	
10½ ft. x 100 ft. ....	15.50	22.50
12 ft. x 100 ft. ....	17.00	25.50
14 ft. x 100 ft. ....	19.50	29.50
16½ ft. x 100 ft. ....	22.50	33.50
20 ft. x 100 ft. ....	27.00	41.00
24 ft. x 100 ft. ....	32.50	47.50
28 ft. x 100 ft. ....	38.00	55.00
32 ft. x 100 ft. ....	43.50	63.00
40 ft. x 100 ft. ....	54.40	79.00

F.O.B. Macedon, New York—Over 10 M sq. ft. less 5%.

#### Standard Temperature Alarm

Automatic device for control of temperature in greenhouses. Alarm will guard against low or high temperatures 24 hours a day. Furnished complete with the exception of wire, battery and bell. Now fabricated in its entirety from non-ferrous materials, the handsome chrome-plated case, rugged indicating mechanism and insulated wiring are not affected by moisture in the near saturated air within the greenhouse.

No. GH 5. ....\$22.50

#### Thermometers

**Maximum and Minimum.** Registers the coldest and warmest points during the previous night. Copper case. 10 in. ....\$8.50

#### TESTED GRADE

No. 5127. Temprite greenhouse. 8-in. White column .... 2.25

#### BLACK SHADING CLOTH

For shading Chrysanthemums during normal summer growing season. These two standard grades, tested and approved by commercial growers throughout the country transmit less than half of 1% of light. Furnished in 36-in. width or sewed into wide sheets in multiples of 18 in. to specifications.

Per. Sq. Yd.  
No. 575. 0.034 per cent light transmittance ....\$0.72  
No. 258. 0.001 per cent light transmittance .... .78

#### Green Glo

##### The Spray-On Plant Polish

Don't wipe or clean plant leaves as it may cause bruising. Just spray on Green Glo and let dry.

8-oz. ....\$ 7.60 per case of 24 .....suggested retail price \$0.50 each  
1-qt. .... 12.00 per case of 12 .....suggested retail price 1.50 each  
1-gal. .... 13.20 per case of 4

Sprayer applicator (8-oz. and 1-qt.) \$1.80 per doz., suggested retail price 25c each.

#### LUSTER LEAF PLANT POLISH

##### Beautifies — Nourishes — Protects

Just spray it on plant leaves, allow to dry for high gloss. Guaranteed not to injure plants.

8 ozs. \$7.60 per case of 24—suggested retail price 50c each.  
2 cases—\$7.30 per case. 5 cases—\$6.75 per case.  
1 gal. \$13.20 per case of 4—suggested retail price \$5.00 per gal.  
2 cases—\$12.50 per case. 4 cases—\$10.75 per case.

Sprayer Applicators for 8 oz. \$1.80 per doz.—suggested retail price 25c ea.  
New Aero-Pak 8-oz. bottle—Sprayer sealed in bottle.

\$12.00 per case of 24—suggested retail price 79c each.  
2 cases—\$11.70 per case. 5 cases—\$11.15 per case.



**GROWERS . . . CUT YOUR COSTS!**

**With the  
ELECTRIC**

# **Taylortruck**

## **Increases Operating Efficiency**

- Saves labor—one man can do the work of three.
- Economical—less than 10c per day to operate.
- Dependable—consistent trouble-free day-in day-out service.
- Virtually no maintenance required.
- Maneuverable—short turning radius, ideal for greenhouse use.
- Powerful—effortless climbing on steep grades and plenty of pull in mud and loose soil.
- Will pay for itself in six months' time.

**Saves Hours—Saves Labor—Saves Dollars**

### **2 Models**

A ¼ ton; 4 batteries; platform 31½ x 54 in.

B ½ ton; 6 batteries; platform 42 x 72 in.

Automatic Battery Charger available for each model.

**The Choice of the Progressive Grower**

### **Some of the Satisfied TAYLORTRUCK Users:**

NEAL BROS. Toledo, Ohio	PARK FLORAL CO. Denver, Colorado	HOLTON & HUNKLE Milwaukee, Wisconsin
THOMAS FLOWER MART Syosset, New York	GREEN MILL GARDENS Addison, Illinois	HIRZEL BROS. Toledo, Ohio
SAND POINT GREENHOUSES, INC. Fort Wayne, Indiana	BUFFA'S FLOWERS Memphis, Tenn.	A. A. SCHNIEROW NURSERIES Los Angeles, Calif.
NICK BOS FLORIST Detroit 19, Michigan	F. J. BAKER & SONS Utica, New York	FRANK OECHSLIN CO. Berwyn, Illinois
ARVIDA ORCHIDS Miami, Florida	CLACKAMAS GREENHOUSES Portland, Oregon	BUENA PARK GREENHOUSES Brea, California

**Write for Complete Details**



**Model A**



**Model B**

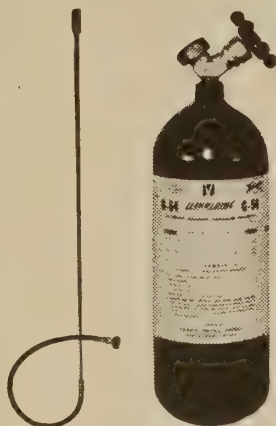


**Model A**



# *Michell's* Insecticides - Fungicides

## **AEROSOL BOMBS – Refillable** The Modern Method of Pest Control



### **Parathion, No. G54**

Wide range of killing action and particularly recommended for hard-to-kill insects such as mealy bug, leaf roller and Suriam roach. Where red spider mite is found to be resistant, switch to HEPT. One bomb treats 200,000 cu. ft. 4-lb. bomb \$8.00 (shell deposit \$3.75).

### **Dithiono, No. G57**

5%. For general floral greenhouse use, particularly against red spider resistant to parathion. Also unusually effective against mealy bug, aphids, white fly and thrips. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.00 (shell deposit \$3.75).

### **DDT-Greenhouse, No. G53**

5% DDT. For greenhouse use only—for white fly, thrips and some other insects on all crops except Cucumbers. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.50 (deposit \$3.75).

### **TEPP, No. G52**

5%. For flowers and vegetables. Kills red spider, many aphids and adults of white fly. Low-cost bomb. No residue. One bomb treats 400,000 cu. ft. 4-lb. bomb \$6.50 (deposit \$3.75).

Orders of 12 bombs or more sent prepaid.

### **Malathion G62**

15%. For spider mite, white flies on Roses, Chrysanthemums and Carnations. Covers 200,000 cu. ft. 4-lb. bomb, \$9.75 (deposit \$3.75).

### **Aramite No. G60**

10%. Especially effective against the resistant red spider. 4-lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart. 4-lb. bomb, \$12.00 each (deposit \$3.75).

### **Applicator**

Including sling (with adjustable shoulder strap) for carrying bomb, 3-ft. nozzle rod and 3-ft. connecting hose. \$7.00. Brass tube with hose adapter.

### **Gas Mask**

Style WIG-G3FD Greenhouse Mask complete with canister, \$29.00. Replacement canister, \$3.95.

### **ARAMITE**

New miticide very effective against red spider for use in greenhouse and on outside crops. Will kill parathion-resistant varieties of spiders. 4 lbs. \$3.50; case of 12, \$37.90.

### **ARSENATE OF LEAD**

One to 1½ pounds diluted with 50 gallons of water, or may be used dry. Lb. 80c; 4 lbs. \$2.20; 12 lbs. \$6.25; 48 lbs. \$21.00.

### **BLACK-LEAF 40**

Full directions on each package. 6 ozs. \$1.75; 5 lbs. \$9.20; 10 lbs. \$17.00; 50-lb. drum \$71.00.

### **BORDEAUX MIXTURE, POWDER**

A 12¼% copper mixture for spraying purposes. Lb. 70c; 4 lbs. \$1.70; 12 lbs. \$4.25; 48 lbs. \$16.50.

### **CHELATED IRON (Ferro-Greene)**

(8% iron). For correcting iron chlorosis in Azaleas, Gardenias, Hydrangeas, Roses, and certain other plants. Holds the iron in the soil in a readily available form making it possible for the plant to get iron under conditions where iron might ordinarily be unavailable. 1 lb. \$2.00; 5 lbs. \$8.75; 10 lbs. \$12.50.

### **CHLORDANE**

6% Dust. For control of many garden and lawn pests such as ants, chiggers, cutworms, mole crickets, chinch bugs, grubs, etc. 1 lb. 55c; 4 lbs. \$1.35.

50% Wettable Powder. A highly effective stomach poison for some chewing insects that are resistant to DDT, very effective in the control of grasshoppers. 8 ozs. \$1.25; 4 lbs. \$3.40.

Emulsifiable Liquid 48E. ½ pint \$1.45.

### **CUPRINOL GREEN and CUPRINOL CLEAR**

Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft. 5 gals. \$19.80; 50 gals. \$189.00.

### **CUPRINOL No. 14 FOR FLORISTS**

Especially prepared for dipping flats, stakes, etc. 5-gal. pails, \$12.80; 50-gal drums, \$119.25. (Note: Use the regular Cuprinol for wood on benches and other permanent construction where application is made by brush or spray.)

### **CYANOGENAS (Calcium Cyanide)**

**G. Fumigant.** A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$4.00; 25 lbs. \$13.50.

### **DIMITE**

Dimite gives quick initial kill and long residual action in control of mites and red spiders. Contains 25% Di-Methyl-Carbinol (DMC) in a water mixible solution. Qt. \$5.00; gal. \$14.00.

### **DDT**

Duradust 50% wettable DDT. A powerful contact and stomach poison useful against many pests including thrips, leaf hoppers, mum midge, etc. Makes a highly residual spray. 1 lb. 80c; 4 lbs. \$2.00; 50 lbs. \$19.50.

### **DOWFUME MC-2**

New control for most weeds and soil diseases in seed beds, greenhouses, and local areas. Insects are killed in all early life stages. Easy to apply. Price: 1-lb. pkg. \$1.00; case lots, 24 per case, \$21.40.

Dowfume Applicator. \$5.00.

### **ENDRIN**

A very effective control for Cyclamen mite on African Violets, Begonias, Chrysanthemums, Cyclamen, and many foliage plants. Gal. \$12.90.

### **FERMATE**

is effective for disease on Apples, Pears, Sweet Cherries, Celery, Tomato. Also black spot on Roses, septoria leaf spot on Chrysanthemums and Snapdragon rust. 8 ozs. 70c; 3 lbs. \$2.10; case of 12, \$21.60.

### **KARATHANE 25% Wettable Powder**

An organic fungicide—aids in the culture of greenhouse plants through its effective action in stopping powdery mildew. 3 lbs. \$5.85; 50 lbs. \$87.50.

### **KELTHANE**

An organic miticide which is remarkably effective in controlling Cyclamen mite and red spider, as well as most other types of mites. In the greenhouse it has given outstanding results on Roses, Snapdragons, Geraniums, Chrysanthemums, Gladioli, Cyclamens, Easter Lilies, and many other flowers without injury to the leaves or bloom. Gal. \$12.95; 5 gals. \$55.50.

### **LINDANE**

5% Spray—quick, positive insect control effective 3 ways—when eaten, by contact, and by fumigating action. Useful in protecting flowers and foliage of all kinds, both indoors and out. 4 ozs. 60c; pint \$2.00; case of 12, \$17.25.

### **LINDANE W-25 (25% Lindane)**

Controls aphids, thrips, spittle bugs, symphilids in greenhouse. 1 lb. \$2.15; 40-lb. drum \$74.00.

### **MALATHION**

Aphid and mite spray containing 50% Malathion. One of the newest insect killers recommended for control of many hard to kill insects. An emulsifiable insecticide. 4 ozs. \$1.00; gal. \$14.50.

Wettable Powder 25%. 4 lbs., \$3.00; case of 12, \$32.00.

### **ORTHOCIDE**

Contains 50% Captain wettable powder. A superb fungicide for use on Roses and certain other plants. Can be used to control damping off in Azaleas by dipping cuttings in solution. 5 lbs. \$4.75; case of 10, \$39.00.

### **PANO-DRENCH**

A new and very effective chemical for control of damping-off on flowers and ornamentals. 4 ozs. makes 72 gals. of drench and treats 150 to 200 flats. 4 ozs. \$5.95; pt. \$19.20.

### **PARA-DICHLOROBENZENE**

For Peach-tree borers. Full directions on each package. 1-lb. can 70c; 5-lb. can \$2.75.

### **PARATHION DUST**

15% wettable (for outdoor use only). Use as a spray to control Cyclamen mite on Delphiniums, red spider on evergreens, Azaleas, Hydrangea. 3 lbs. \$2.40; case of 8, \$15.60.

### **PARZATE**

is du Pont's newly developed dithiocarbamate fungicide which may be used as a spray or a dust for the control of many important plant diseases. 3 lbs., \$2.85; case of 12, \$31.20.

### **P-40**

Contains 2% of sodium selenate in granular superphosphate for dry application. Broadcast as fertilizer at the rate of 3 pounds per 100 square feet. 50 lbs. \$22.50; 100 lbs. \$40.00.



# Insecticides - Continued

## PLANTFUME 103 — Smoke Generators

It is not a bomb but will do everything a bomb does. The generated smoke is laden with minute particles of insecticide. When the required number of generators are ignited, the smoke carries the insecticide to every part of the greenhouse, insuring complete coverage of the plants for insect control.

36 1¾-oz. pkgs. to carton—  
Each package covers 5000 cu. ft. ....\$12.00

12 7-oz. pkgs. to carton—  
Each package covers 20,000 cu. ft. ... 12.00

## ROTENONE DUST

An economical, effective insecticide, non-poisonous to humans. For leaf-eating insects attacking vegetables. 4-lb. bag \$1.10; 50 lbs. \$11.00.

## SEMESAN

A mercuric disinfectant for the control of many seed, plant, and soil diseases. 4 ozs. \$2.50; 12 ozs. \$5.95; case of 12, \$45.00.

## SNAROL, Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 2½-lb. pkg. 85c; 6-lb. pkg. \$1.60; 50 lbs. \$10.80.

## SNAILICIDE

Snail control—not just a bait. Controls snails (or slugs) on Orchids and many other floral crops. Snailicide contains metaldehyde and chlordane.

5 lbs., 1 per case .....\$ 4.00 delivered  
20 lbs., 1 per case ..... 13.00 delivered  
50 lbs., 1 per case ..... 24.50 delivered

## SPREADER, GRASSELLI

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. \$1.65; gal. \$7.85.

## SULPHUR, WETTABLE, Dritomic

A greatly improved summer fungicide containing 95% sulphur of 325-mesh fineness. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf spot, mildew, rust, etc. 5 lbs. 70c; 50 lbs. \$6.00.

## SYSTOX

A systemic insecticide which penetrates by absorption and is translocated in the plant. It forms an emulsion when diluted with water to any desired strength, and is suitable for use in all power sprayers. An effective control for spider mite on Holly, Azaleas, Delphiniums, Chrysanthemums and Roses. Gal. \$32.00.

## TEDION 25% WETTABLE POWDER

A new spider mite control which kill eggs and newly hatched mites over a long period. It has a residual action, with single application remaining effective 6 to 8 weeks. Use 1 lb. to 100 gal. water with a spreader. 2½-lb. pkg. \$2.20 per lb.; 10 2½-lb. pkgs. \$2.00 per lb.

## TERRACLOR

Controls Rhizoctonia Stem Rot by inhibiting growth of the fungus responsible. For soil drench, mix 2½ lbs. per 300 gallons of water to treat 1000 square feet of bench or bed areas. 5 lbs. \$4.50; case of 10, \$40.00.

## VAPAM

A liquid soil fumigant that destroys weeds, fungi, nematodes, and soil insects. Virtually wipes out all sub-soil pests and diseases. No special equipment is required. One gallon is sufficient to treat 400 sq. ft. Gal. \$3.95; 5 gals. \$18.00; 30-gal. drum \$96.00.

## VOLCK

(Oil Spray.) A highly refined insecticide spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. Qt. \$1.15; gal. \$2.50; 5 gals. \$8.75; 30 gals. \$44.00 (plus \$1.00 drum charge.)

## ZERLATE

Use as spray or dust to control early Potato blight, Celery blight, anthracnose and leaf-spot on Tomatoes. 3 lbs. \$2.45; case of 12, \$23.40.

# Fertilizers

## Liquid Fertilizers

### KAPCO

Ideal for potted plants as a starter solution, and greenhouse bench crops. Used by commercial growers all over the U. S. who claim it is the best fertilizer they ever used. Completely 99½% water soluble. Safe and easy to apply. Contains color tracer. Water and feed in one operation. 2 lbs. makes 100 gallons of feed.

	25 lbs.	80 lbs.	300-
15-30-15	\$6.50	\$20.40	22c per lb.
20-20-20	6.50	20.40	22c per lb.

### Azalea Acid

30-10-10

The new chelated iron complex formula for feeding all plants in alkaline soils. 2 lbs. makes 100 gallons of feed.

25 lbs. \$7.50; 80 lbs. \$22.00.

Orders of 300 lbs. or more sent prepaid within 400 miles of McKeesport, Pa.

### PETERS

	1-3 bags	100-975 lbs.	1000-1975 lbs.	2000 lbs. up
15-15-15	\$6.50 per 25-lb. bag	\$0.22 lb.	\$0.21 lb.	\$0.20 lb.
20-5-30	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
21-7-7 Neutral	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
21-7-7 Acid	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
16-4-12	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
25-10-10	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
25-0-25	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
40-3-3	6.50 per 25-lb. bag	.22 lb.	.21 lb.	.20 lb.
15-30-15	7.00 per 25-lb. bag	.24 lb.	.23 lb.	.22 lb.
20-20-20	7.00 per 25-lb. bag	.24 lb.	.23 lb.	.22 lb.
25-10-20	7.00 per 25-lb. bag	.24 lb.	.23 lb.	.22 lb.
13-6-6	7.50 per 25-lb. bag	.28 lb.	.26 lb.	.24 lb.
10-30-20	7.50 per 25-lb. bag	.28 lb.	.26 lb.	.24 lb.

(Packed in 25-lb. bags only.)

Freight prepaid east of the Mississippi, on all orders totaling 300 lbs. or more. F.O.B. Allentown, Pa. on all orders less than 300 lbs.

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. 20 lbs. (sufficient to make ½ ton of manure) \$3.15; 150 lbs. \$18.00.

**Blood, Dried.** For indoor culture of flowering plants like Roses, Carnations, etc. 50 lbs. \$9.00; 100 lbs. \$16.00.

**Bonemeal, Michell's Special Florists' Brand.** 50 lbs. \$3.75; 100 lbs. \$7.00; ½ ton \$65.00.

**Cottonseed Meal.** Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 100 lbs. \$7.50; ½ ton \$68.00.

**Cow Manure, Pulverized.** 100 lbs. \$6.10; ½ ton. \$51.00.

**ELECTRA.** A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. Can be shipped from Lynn, Mass. 80-lb. bags, \$6.00.

**Fertilizer 5-10-5.** 80 lbs. \$3.00; 10 bags \$28.00.

**Hyper-Humus.** 100 lbs. \$4.25; 500 lbs. \$20.00; truckload lots (minimum 10 tons in bulk), \$14.50 per ton, F.O.B. Newton N. J.

**Hyponex Plant Food.** Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Twelve 1-lb. pkgs. \$8.00; 10 lbs. \$5.35; 25 lbs. \$10.00; 50 lbs. \$16.65; 100 lbs. \$26.67.

**Muriate of Potash.** 60%. 100 lbs. \$6.00.

**Nitrate of Soda.** Use only after plants are above ground. 50 lbs. \$3.75; 100 lbs. \$6.50.

**Phosphate, Super.** 20%. 80 lbs. \$2.25; 10 80-lb. bags \$20.00; ton \$45.50.

**Sulphate of Aluminum.** Adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 50 lbs. \$3.15; 100 lbs. \$5.40; ½ ton \$40.00.

**Sulphate of Ammonia.** Analysis: Equal to 25 per cent of ammonia. 80 lbs. \$3.75; 10 80-lb. bags \$34.00.

**Sulphate of Iron.** 50 lbs. \$2.75; 100 lbs. \$4.75.

**Sulphate of Potash.** Analysis: Equal to 50 per cent actual potash. 100 lbs. \$9.00.

## Peat Moss

A moisture-retaining humus and an aid for saving soil fertility. Furnishes organic matter which all soils require. **Large bale \$5.50.** Prices for larger quantities on application.

## Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

**Sphagnum, Dry.** Finest quality. Bale \$6.75; 5 bales \$32.50.

**Green Sheet.** 15-lb. bag \$7.00.

**Orchid Peat.** Bale (approx. 20-25 lbs.) \$15.00.



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## Note: Plant Shipments

### CONDITIONS OF SALE

Due to constant market fluctuations, all prices in this catalog are subject to change without notice.



**For Prompt and  
Courteous Service  
Call WALNUT  
5-5620**

### DISCOUNTS

For cash with order, or payment within 10 days of invoice: 5% on orders of \$5.00 to \$25.00 on flower seed and vegetable seed.

8% on orders of \$25.00 to \$100.00 on flower seed and vegetable seed.

10% on orders of \$100.00 or over on flower seed and vegetable seed.

All other items, 2%.

NO Discounts on Special Quotations.

### WARRANTY

Henry F. Michell Co. gives no warranty express or implied as to the productiveness of any seeds, bulbs or plants it sells. The limit of liability for all claims shall be no greater than the purchase price of the goods, and in no case shall it be responsible for loss or damage to the crop.

We recommend all plant shipments to go by Express. If they arrive in poor or frozen condition, accept and receipt for them, accordingly, then enter claim to the transportation company. All claims must be supported with a copy of damage report which can be furnished by the agent of the delivery carrier. Prices prevailing at time of shipment will be charged, plus packing at cost.

### FORWARDING SERVICE

Flower Seeds listed in catalog, prepaid anywhere in the United States. Please remit postage for all Bulbs, Plants, Insecticides, and Sundries, if desired by parcel post. Refer to postal chart for amount. Shipments too large for parcel post will be sent express or freight collect.

### PARCEL POST CHART

	Local Phila.	Zone 1 and 2 Within 500 miles	Zone 3 150-300	Zone 4 300-600	Zone 5 600-1000	Zone 6 1000-1400	Zone 7 1400-1800	Zone 8 Over 1800 miles
The first pound costs	.18	.23	.23	.24	.26	.28	.30	.32
For each additional pound (2 to 70), add	.02	.04	.06	.07	.10	.12	.16	.18

Plants, bulbs, to all zones, weight limit 70 lbs., size 100 in. Other parcels as follows—(between first class post offices) local, first and second zones weight limit 40 lbs., size 72 in. Zones three to eight, weight limit 20 lbs., size 72 in. Please include postage to cover items not prepaid.





INCA



SIOUX



## F-1 Hybrid MULTIFLORA PETUNIAS

See next page for illustrations of Comanche,  
Linda, and Sonata

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50;  
1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00;  
1/8 oz. \$35.00; 1/4 oz. \$60.00.

For Vigor      For Uniformity      For Intensity of Color  
Grow F<sub>1</sub> Hybrids



PALEFACE

C

AZTEC



MOHAWK







**COMANCHE**  
An F-1 Hybrid



**LINDA**  
An F-1 Hybrid

Prices on Comanche and Linda  
 $\frac{1}{2}$  tr. pkt. \$1.00; tr. pkt. \$1.75;  $\frac{1}{128}$  oz. \$3.50;  
 $\frac{1}{64}$  oz. \$6.50;  $\frac{1}{32}$  oz. \$11.70;  $\frac{1}{16}$  oz. \$20.00;  
 $\frac{1}{8}$  oz. \$35.00;  $\frac{1}{4}$  oz. \$60.00.

*Michell's*

**POPULAR PETUNIAS**

D



**SONATA**

$\frac{1}{2}$  tr. pkt. \$2.75; tr. pkt. \$4.50;  $\frac{1}{128}$  oz. \$8.50;  
 $\frac{1}{64}$  oz. \$16.00;  $\frac{1}{32}$  oz. \$29.50;  $\frac{1}{16}$  oz. \$58.00.



**GLORIOUS MIXTURE**

$\frac{1}{2}$  tr. pkt. \$2.25; tr. pkt. \$4.00;  $\frac{1}{128}$  oz. \$7.60;  
 $\frac{1}{64}$  oz. \$14.45;  $\frac{1}{32}$  oz. \$28.00;  $\frac{1}{16}$  oz. \$55.00.





**PHLOX, TWINKLE**

Tr. pkt. 75c;  $\frac{1}{8}$  oz. \$1.30;  $\frac{1}{4}$  oz. \$2.35; oz. \$7.00.



**VERBENA, MICHELL'S EXHIBITION MIXTURE**

Tr. pkt. 75c;  $\frac{1}{4}$  oz. \$2.50; oz. \$6.00.



**SALVIA, ST. JOHN'S FIRE**

Tr. pkt. \$1.00;  $\frac{1}{8}$  oz. \$1.65;  $\frac{1}{4}$  oz. \$2.75;  
oz. \$9.00;  $\frac{1}{4}$  lb. \$30.00.

**COLEUS, RAINBOW MIX**

Tr. pkt. \$1.00;  $\frac{1}{32}$  oz. \$2.50;  $\frac{1}{16}$  oz. \$4.00;  
 $\frac{1}{8}$  oz. \$7.50;  $\frac{1}{4}$  oz. \$12.00.



**IMPATIENS, DWARF SCARLET**

Tr. pkt. \$1.50;  $\frac{1}{32}$  oz. \$3.00;  $\frac{1}{16}$  oz. \$5.75;  
 $\frac{1}{8}$  oz. \$10.50.



**ZINNIA, ORTHO POLKA**

Tr. pkt. 40c;  $\frac{1}{4}$  oz. 75c; oz. \$2.25; 4 ozs. \$7.00.







*The All-America Winner for 1959*

**ALYSSUM, PINK HEATHER**

Tr. pkt. 75c; 1/8 oz. \$1.25; 1/4 oz. \$2.35; oz. \$7.00.



**MARIGOLD, PETITE MIXED**

All-America Winner 1958.

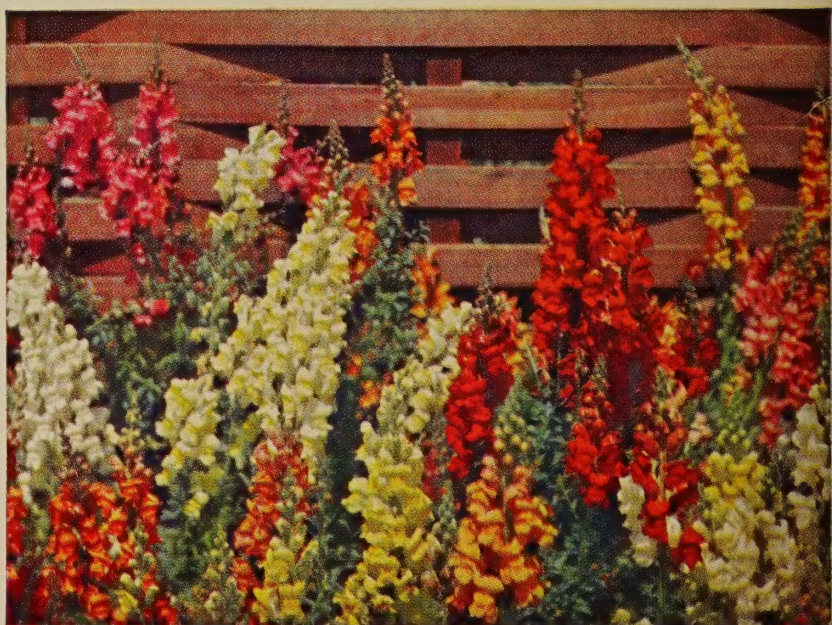
Available in separate colors: Yellow, Gold,  
Orange and Harmony.

Tr. pkt. 45c; 1/4 oz. \$1.35; oz. \$4.00; 4 ozs. \$13.35.



**MARIGOLD, COLOR MAGIC**

Tr. pkt. 40c; 1/4 oz. 75c; oz. \$2.50;  
4 ozs. \$8.00.



**SNAPDRAGON, MARDI GRAS MIXTURE**

Tr. pkt. 60c; 1/4 oz. \$1.50; oz. \$5.00.

**HENRY F. MICHELL CO.**

**3rd and Spruce Sts.**

**WAlnut 5-5620**

**PHILADELPHIA 5, PA.**